

SB258

Measure Title: RELATING TO PUBLIC SCHOOLS.

Report Title: Public Schools; Air Conditioning; General Obligation Bonds; Appropriation (\$)

Description: Requires the department of education and department of accounting and general services, in consultation with the Hawaii state energy office of the department of business, economic development, and tourism and the Hawaii natural energy institute of the University of Hawaii, to conduct a comprehensive study and develop a master strategy for the cooling of all public schools. Requires the findings to be reported to the legislature. Appropriates funds for the comprehensive study of cooling needs and development of a master strategy for cooling all public schools. Authorizes the issuance of general obligation bonds and appropriates funds for projects that demonstrate efficient methods of air conditioning classrooms.

Companion:

Package: None

Current Referral: EDU/ENE, WAM

Introducer(s): ESPERO, DELA CRUZ, KEITH-AGARAN, Nishihara, Slom, L. Thielen

<u>Sort by Date</u>		Status Text
1/23/2015	S	Introduced.
1/23/2015	S	Passed First Reading.
1/23/2015	S	Referred to EDU/ENE, WAM.
2/12/2015	S	The committee(s) on EDU/ENE has scheduled a public hearing on 02-18-15 1:25PM in conference room 229.



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

DAVID Y. IGE
GOVERNOR

LUIS P. SALAVERIA
DIRECTOR

MARY ALICE EVANS
DEPUTY DIRECTOR

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Statement of
LUIS P. SALAVERIA
Director
Department of Business, Economic Development, and Tourism
before the
**SENATE COMMITTEES ON EDUCATION
AND
ENERGY AND ENVIRONMENT**

Wednesday, February 18, 2015
1:25 p.m.
State Capitol, Conference Room 229

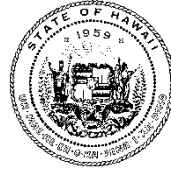
in consideration of
SB258
RELATING TO PUBLIC SCHOOLS.

Chairs Kidani and Gabbard, Vice Chairs Harimoto and Green, and Members of the Committees.

The Department of Business, Economic Development & Tourism (DBEDT) offers comments on this measure which directs that DBEDT consult with the Department of Education (DOE) and other state agencies to conduct a comprehensive study and develop a master strategy for the cooling of all public schools. DBEDT has worked with the DOE on a number of efforts, such as their High Performance Schools, and will continue to do so. At present, the DOE has entered into a contract with an energy company to implement the *Ka Hei* sustainable energy program. This multiyear effort will address a number of concerns before the DOE. DBEDT is ready to provide analysis on deployment options for high impact solutions consistent with our clean energy agenda and statutory responsibilities.

Thank you for the opportunity to provide this testimony.

DAVID Y. IGE
GOVERNOR



DOUGLAS MURDOCK
Comptroller

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

WRITTEN TESTIMONY
OF
DOUGLAS MURDOCK, COMPTROLLER
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
TO THE
SENATE COMMITTEES
ON
EDUCATION
AND
ENERGY AND ENVIRONMENT
ON
FEBRUARY 18, 2015

S.B. 258

RELATING TO PUBLIC SCHOOLS

Chair Kidani, Chair Gabbard, and members of the Committees, thank you for the opportunity to submit written testimony on S.B. 258.

Pursuant to Act 51, Session Laws of Hawaii 2004, the Department of Accounting and General Services (DAGS) has a limited role in the repair and alterations for the Department of Education's public school facilities. However, we recognize the value of including DAGS in the measure.

Thank you for the opportunity to submit written testimony on this matter.



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TESTIMONY BEFORE THE SENATE COMMITTEES ON EDUCATION
AND ENERGY AND ENVIRONMENT

DATE: WEDNESDAY, FEBRUARY 18, 2015

RE: S.B. 258 - RELATING TO PUBLIC SCHOOLS

PERSON TESTIFYING: WIL OKABE
HAWAII STATE TEACHERS ASSOCIATION

Wil Okabe
President
Joan Kamila Lewis
Vice President
Colleen Pasco
Secretary-Treasurer
Alvin Nagasako
Executive Director

The Honorable Chairs Michelle Kidani, Honorable Chair Mike Gabbard and Members of the Committee:

The Hawaii State Teachers Association (HSTA) **supports S.B. 258**, relating to public schools.

HSTA is the exclusive representative of more than 13,500 public and charter school teachers statewide. As the state affiliate, of the 3.2 million members of the National Education Association, HSTA believes that schools need air conditioning and that the condition of the schools physical plant impacts the health, safety, and welfare of students and staff members.

Our public schools are hot. At times, the heat index inches closer to 100 degrees during the summer, fall and spring. Students and teachers who work in these schools try to keep cool without the benefit of air conditioning in the classroom. At times, when a classroom becomes unbearable, teachers resort to turning the lights off, purchasing their own fans, and water breaks are frequent (if there is a water fountain available at the school) to name of few of the strategies to keep students comfortable as temperatures soar. Other schools are rotating students into air-conditioned libraries or computer labs to cool off, and some are even changing the day's lesson to avoid the heat and fatigue related to the environment.

It is well known that many of our educational facilities are in a state of decay, neglect, and/or deterioration. The association supports funding to modernize, expand, replace, and/or maintain these facilities with air conditioning in order to provide a safe, healthy, and effective teaching and learning environment for students and employees. The association further believes that the community, parent/guardians, students and education employees must be effectively involved in the development of the plans to modernize, expand and/or replace air-conditioning units.

Thank you for the opportunity to testify in **support of S.B. 258**.



46-063 Emepela Pl. #U101 Kaneohe, HI 96744 · (808) 679-7454 · Kris Coffield · Co-founder/Executive Director

TESTIMONY FOR SENATE BILL 258, RELATING TO PUBLIC SCHOOLS

**Senate Committee on Education
Hon. Michelle N. Kidani, Chair
Hon. Breene Harimoto, Vice Chair**

**Senate Committee on Energy and Environment
Hon. Mike Gabbard, Chair
Hon. Josh Green, Vice Chair**

**Wednesday, February 18, 2015, 1:25 PM
State Capitol, Conference Room 229**

Honorable Chairs Kidani and Gabbard, and committee members:

I am Kris Coffield, representing the IMU Alliance, a nonpartisan political advocacy organization that currently boasts over 300 members. On behalf of our members, we offer this testimony in support of, with proposed amendments for Senate Bill 258, relating to public schools.

Studies show that the percentile gap between conditioned and non-conditioned environments can exceed 10 points on achievement tests, clearly evincing the impact of a comfortable environment on student success. In a longitudinal analysis contained in “Effects of the Physical Environment on Student Learning,” Glen I. Earthman of Virginia Polytechnic Institute and State University found that students between 4th and 9th grade at demographically similar schools showed increased gains in reading vocabulary, total math, problem solving, math procedures, pre-writing, and editing at schools with air conditioning, when compared with peers from non-conditioned schools. Moreover, Earthman demonstrated that the longer and more consistently students are exposed to thermal conditioning, the better and more stable their performance gains tend to be. Conversely, students exposed to thermal conditioning for only short or intermittent periods of time demonstrated lower achievement levels compared to their peers. These findings are supported by U.S. Department of Education sponsored research and facilities maintenance positions, which state that proper thermal conditioning systems lead to better attitudes toward learning, fewer disciplinary problems, and sustained achievement (McGuffey 1982, Cash 1993). While we applaud the Hawaii State Department of Education for requesting \$25 million in supplemental funds to cool local classrooms over the next year, previous DOE estimates of the cost to provide air conditioning at all schools currently lacking

such systems have soared past \$1.5 billion. Thus, if policymakers' goal is to improve air conditioning facilities systemwide—in which temperatures at some classrooms regularly and persistently surpass 100 degrees—a long-term fiscal plan of action is imperative.

That said, **we encourage the committee to amend the list of factors enumerated for consideration contained Section 1 of the bill to include an additional point, stating: “Potential cost savings generated by renewable energy technology.”** In conversations with photovoltaic companies, like RevoluSun (Hawaii's leading solar installer and clean energy integrator), advocates have learned that employing off-grid DC-powered air conditioners, operated entirely (100 percent) from photovoltaic modules that store energy in power-saving batteries, could cost between \$15,000 to \$30,000 per classroom, a savings of approximately 70 percent from DOE projections (discounting a monthly lease per-classroom payment that could be offset by the department's ongoing and all-encompassing renewable energy savings). We recognize that such a plan would need to be thoroughly vetted by state financial advisors, department officials, and policymakers, but believe that the possible revenue savings brought about by renewable energy technology are significant enough to warrant strong consideration by the department, to be explicitly called for by the proposal.

Mahalo for the opportunity to testify in support of this bill.

Sincerely,
Kris Coffield
Executive Director
IMUAlliance

To: Chairperson Michelle Kidani

Chairperson Mike Gabbard

Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment

From Heather MacLeod

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

My name is Heather MacLeod and I am a student currently enrolled in James Campbell High School. I strongly support HB759. Many studies have been taken which clearly show the direct correlation between temperature and students behaviors and their ability to learn and function properly. When temperatures become too hot or too cold, “the brain is constantly reminding the body to do something about the condition,” (LearningStyles, 2009). The students shiver and shake when too cold, and when it becomes too hot they complain relentlessly and sweat uncomfortably without being able to do anything about it. The constant interruptions make it hard for students to stay focused which in-turn affects each individual’s educational opportunities.

Not only are the student’s suffering and losing their opportunities to receive a good education that will lead to a successful future, but the schools themselves are being criticized for the lack of air-conditioning. Several parents have addressed the school administrators and principles about their concern for their children’s health. Hawaii has problems with noise pollution, vog, and now heat. Many individuals have asthma or other such conditions that make their immune systems fragile, and the constant heat can reach such extreme levels that they make have a heat stroke, asthma attack, or many other dangerous reactions to the heat. Last year a teacher at Campbell High School recorded his thermostat that reached on hundred degrees. Many other school’s throughout the United States close down and send student’s home when the temperatures reach such extremities. The Department of Education executives even went home when their air conditioning broke and the heat became too much. For a week and a half, they felt the student’s daily struggle and suffering, but you were able to leave work early and even miss a few days. Student’s on the other hand, do not have that luxury, and are stuck in their classes during the hottest points of the day. It is interesting how the executives fixed their own air conditioning and still found our protest to be invalid. A student’s education should be worth the cost of a new air conditioner, since we are the future and must represent our state and country to the best of our potential.

The major issue that many state officials have with giving air conditioning to the school’s whom need it, is the fact that it will cost the state too much. However, there are many solutions to this problem that should be considered. Many state lawmakers believe that it will cost \$2.5 million dollars to update the current air conditioners, and around \$10 million dollars to place air conditioning in all of the classrooms. This is an exaggeration if you take into consideration the new electronic air conditioning systems available. A new electronic air conditioning system

called the Photovoltaic air conditioning is a power system that is designed to supply usable solar power to your air conditioner more effectively and at a much cheaper cost. This integrated battery solution works more effectively and is able to power more air conditioning units than most systems. Therefore, finances are not necessarily a major issue.

To: Chairperson Michelle Kidani

Chairperson Mike Gabbard

Members of the State Committee on Education Members of the State Committee on Energy and Environment

From: Zaide Hipolito

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS.

My name is Zaide Hipolito, I am a student at James Campbell High School. I am arguing the Air conditioning in school because too hot so some students are don't want put their dress top and they cannot focusing to their study. The students in James Campbell High School are diligent to their work and they cannot concentrate, I believe that people in James Campbell High School that they don't want to use the dress top because to really hot. When the temperatures may rise so the students are make focus to their lesson.

To: Chairperson Michelle Kidani
Vice Chairperson Mike Gibbard
Members of the House Education on Committee, Members of the State Senate
Committee on Energy and Environment

From: Amber-Taylor Rivera

Subject: Support for SB258 RELATING TO PUBLIC SCHOOLS

As a student at James Campbell High School, our classrooms reach 100 degrees this past school year. It is very unfortunate to learn in this heat due to the fact that students are focusing on getting the fan next to them than learning about Hamlet or the pythagorean theorem. Growing up not going to an air conditioning school, I know what it is like to sweat in a classroom and feel very uncomfortable sitting in a seat for hours trying to focus on what the teacher is teaching. The fact that some classrooms are air conditioning is what I'm thankful for, but in the afternoon, when the sun is scorching, is when I have classes that do not have air conditioning and that is when I cannot focus. If all schools in Hawai'i get air conditioning then all students can focus on learning than focusing on hogging the fan.

Schools on the mainland close if temperatures get too hot, but in Hawai'i, we are forced to stay in school no matter what the temperature is. In Denver, schools close or release students early when the heat gets too extreme. Students in Hawai'i have to endure these hot temperatures while learning in school. When people are cutting the grass outside, we close our doors to help lower the sound, but that only leaves students with a hot classroom. If mainland schools get to close due to extreme temperatures, why does Hawai'i school have to stay open when our classrooms reach 90 degrees to 100 degrees? Does 100 degrees in a classroom with 30 other students not sound like a good enough reason to give Hawai'i school air conditioning? The DOE said it themselves when their air conditioning system broke down. State Sen. Jill Tokuda says, "Environmental conditions always impact one's ability to work

To: Chairperson Michelle Kidani

Chairperson Mike Gabbard

Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment

From: Cara-McKenzie Winters

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

My name is Cara-McKenzie Winters and I am a senior at James Campbell High School, I recently enrolled into this school my junior year. I never realized how hot public schools could be coming from a private school until I came to James Campbell High School. I think all public schools in Hawaii should all get air conditioning because due to the temperatures in classrooms it gets up to 100 degrees. In each class there are about 30-35 students the temperature gets even higher than 100 degrees when there are no fans and the classroom lights are on. For me personally it's hard to focus and learn when the teacher is teaching because the heat in the classroom is distracting. Students and teachers get nauseated, headaches and having to buy bottles and bottles of water to keep themselves cool through the school day. The teachers spend their own money to buy fans to make the classrooms cooler and easier to learn and pay attention.

To: Chairperson Michelle Kidani

Chairperson Mike Gabbard

Members of the House Committee on Education, members of the Senate Committee on Energy and Environment

From: Dane Obenario

Subject: Support for SB258, REALATING TO PUBLIC SCHOOLS

As a student at James Campbell High School, it is really hot in our classrooms and people said that it has reached 100 degrees in some classrooms. When it's hot, some people have a hard time concentrating which leads to grades dropping. It's really hard to stay warm in class when there are only two fans in the classroom and someone is always hogging both of them. All across the U.S. schools are being canceled due to heat but in Hawaii, schools are not canceled due to heat so students have to go to school and suffer from the heat. Inside the building where the Department of Education works at, the A/C broke and the workers complained about headaches and nausea. So they got to go home from work early. When classrooms are hot at school, we have to stay in school and suffer. So I think that public schools in Hawaii should have A/C so we can concentrate better and keep our grades up.

To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate Committee on Energy
and Environment

From: Sydney Baron

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

Hawaii Public Schools need air conditioning in their classrooms because the heat within a classroom can affect a student's way of learning. Hawaii Public Schools have classrooms that can reach 90-100 degrees during the day. This is not a safe learning environment for students. I have seen many people focus more on the heat and how it affects them than their lesson in class. Students get affected negatively by the heat because they become dehydrated and fatigued. Being dehydrated has students leaving class just to find a vending machine to buy a water and a lot of the time the vending machines are out of water. Schools in Denver and Wisconsin closed last year because their classrooms went into the 80's. Campbell High School has to deal with higher temperatures than that on a daily basis. While some schools say that they are not in need of the air conditioning, there are a lot of schools that are. The DOE executives went without air conditioning for a week and they were miserable. Hawaii News Now supported the Hawaii Public Schools while covering this story saying "While hot in the office building many students and teachers are expected to work in stifling conditions every day. Only a dozen of the 255 public school campuses in the state are fully air conditioned."(Hawaii News Now, 2014) Hawaii Public Schools need to get air conditioning because students don't deserve being put in these harsh conditions and expected to learn and thrive.

Thank you for your time,
Sydney Baron

To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate Committee on
Energy and Environment

From: Chase Judd

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS.

My name is Chase Judd and I am a student at James Campbell High School. Public schools in Hawaii deserve to have air conditioning in every classroom. Public schools can reach up to 100 degrees from August-October. I have a class that does not have air conditioning and it was around 95 degrees in there. In that class, everyone had their heads down, falling asleep due to the heat. One of my classmates fainted right in front of me. This extreme heat that students and teachers have to deal with hinders the schools performance. Students can't deliver their highest quality of work because they are fatigued and the heat gets to them. I've had some teachers that couldn't go on with the lesson because it was too hot in the classroom.

To: Chairperson Michelle Kidami
Chairperson Mike Gabbard
Members of the Senate Committee on Education, members of the Senate Committee on Energy and Environment

From: Dendrick Amigo

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

My name is Dendrick Amigo and I am a student at James Campbell High School. I strongly support HB759. There is a significant problem dealing with ridiculously high temperatures in Hawaii classrooms. High temperatures affect students and teachers in learning environments because of the fatigue and irritableness it brings. One room in Campbell had gotten as hot as 100 degrees, which is just 5 degrees below the point of having a heat stroke. Learning in high temperatures is extremely difficult and there shouldn't be an unnecessary difficulty when it comes to learning. The solution to this unnecessary difficulty is to add ac systems in all classrooms.

To Chairperson: Michelle Kidani

Vice chairperson: Mike Gabbard

Members of the Senate committee on Education, Members of the Senate Committee on Energy and Environment

From: Crystalyn Fermin

Subject: Support the SB258. RELATING TO PUBLIC SCHOOL.

My name is Crystalyn Fermin and I am student at James Campbell High School. I strongly believe that Hawaii public schools should have air conditioning because during the year classrooms get to about 90 degrees daily and students are not able to do anything about it. I have been in a classroom that has been over high 90's and it was hot and humid. It was hard to concentrate in class because all the students was only focused on was how hot it was. Many people created paper fans just because classrooms with fans were still hot for many people. In Denver, schools close down just because their classrooms reached 80 degrees, while temperatures in Hawaii are at 80 degrees. When Campbell protested for air conditioning on September 26 the DOE's air conditioning shut off as well. They were able to go home and for a week they complained of having headaches. This is how Hawaii's public schools feel on a regular school day and we are still not seeing results at our school.

To Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate
Committee on Energy and Environment

From: Maria Aurelio

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

I am writing you this letter to inform you that Hawaii Public Schools should have Air Conditioning because students are suffering from heat inside a classroom. During the months of May to October, classrooms can reach about 90 degrees, and in some days it can reach to about 100 degrees. The heat in the classroom affects the way a student learn because he or she would be more focused on cooling themselves rather than focusing on their education. I personally witnessed a student fainting in one of my class due to the heat. From what I heard, schools in Denver closed down and let students go home early due to a heatwave reaching over 80 degrees. I personally think that it's not fair because they closed down their school at 85 degrees, whereas here at Campbell, we still go to school even if it's a 90 degree environment. I wish the Department of Education would do something about this issue.

Thank you for your time,
Maria Aurelio

To: Chairperson Michelle Kidani
Vice Chairperson Mike Gabbard
Member of the Senate Committee on Education, Member of the Senate Committee of Energy
and Environment

From: Lauren Galiza

Subject: Support the SB258. RELATING TO PUBLIC SCHOOL.

Hawaii public schools should have air conditioning because it's harder for students to concentrate in the heat. They have environmental discomfort over the lack of air conditioning which makes it difficult for students to learn. In my four years of high school, I have experienced extreme heat of about 100 degrees in my English class and it overwhelmed me yet, it was tough to focus on my work. Teachers, such as Rosenlee, have also agreed that the temperature in the room makes a difference in learning. When it's humid, everyone can feel it. It's like walking and sitting around in an oven for 7 hours. Surprisingly, students still showed up to school and for them to cope with the weather, they bring in wet cloths to cool off during class, wear deodorant multiple times a day for a pleasant odor, and always bringing extra shirt or wearing revealing clothes to cool off. This proves that the heat makes it harder for students to concentrate. Not having a way to cool off when it's humid makes everyone struggle because they lose the energy they have to keep going and focus.

To: Chairperson Michelle Kidani
Vice Chairperson Mike Gabbard
Members of the House Education Committee on Education, Members of the Senate Committee
on Energy and Environment

From: Remson Mercado

Support: for SB258, RELATING TO PUBLIC SCHOOLS

My name is Remson Mercado and I am a student at James Campbell High School. I strongly support SB258. The atmosphere and environment has a direct affect towards a student's behavior, concentration, and academic performance. At James Campbell High School, some classes have the potential to reach up to 100 degrees. In a situation like this, it can be incredibly difficult for students to concentrate and focus on completing a task given to them. "Student performance, attitude, and behavior improved in proper air conditioned climates making it easier to concentrate and making them feel less drowsy and fatigued." (Nolan, 1960). Study shows that students that are in an ideal thermal environment made far less errors on tasks and require less time to complete those tasks than the students in the controlled thermal environments. DOE executives had a first-hand experience in working in an uncomfortable environment after the AC unit in the Queen Liliuokalani Building has broken down. Many of the DOE executives were quote, "miserable" and reported of having headaches nausea due to the uncomfortable thermal environment. In conclusion, a person performs much better in ideal thermal environment than a person whom is in an environment with unsuitable conditions.

Thank you for taking the time to review my testimony.

Sincerely,
Remson Mercado

To: Chairperson Michelle Kidani
Vice Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment

From: Nina Huffman-Chun

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS.

As a student at James Campbell High School, a public school here in Hawaii, I support HB759. There have been countless times where I have been in class, unable to focus because I was too hot. There are schools in Baltimore that have been closed because "temperatures were expected to get up to 93".(WBALTV, 2013) Schools in Hawaii have been known to reach temperatures of 95 and higher, one teacher at Campbell has even reported his classroom reaching a high of 100 degrees.

These temperatures make it difficult for the brain to focus on the tasks being presented. I can recall many instances where I was in a classroom, trying to do my work, but I was unable to focus because I was trying to keep myself comfortable. I couldn't grasp the underlying theme of Romeo and Juliet, because my mind was trying to find ways to keep myself from sweating through my shirt. Psychology shows that "the physical characteristics of learning environments can affect learners emotionally, with important cognitive and behavioral consequences.

Although emotional reactions to environmental stimuli have been shown to vary widely across individuals and activities, most students would probably find learning difficult in a classroom that is stiflingly warm.". (Educause,2015) I believe it is safe to say that those cognitive consequences, brought on by the hot learning environment, are becoming more and more severe.

I believe these problems could at least be alleviated, if we were given the funds to install AC in our public schools.

To Chairperson Michelle Kidani
Vice Chairperson Mike Gabbard
Members of the House Committee on Education, Members of the Senate Committee on Energy
and Environment

From: Marvi Saragena

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS.

Hawaii Public Schools should have air conditioning in their classrooms because the classrooms can reach from about 90-100 degrees during the day. The heat within a classroom can really affect the way the students learn and take initiative in their education. In my own experience, I have witnessed many people who focus on the heat more than their work in class. Cooling themselves down would be more important because the heat can really get to the students by making them dehydrated, impacting their health. Students leave class just to buy themselves water from the vending machines and most of the times, the vending machines don't even have water. With cooler classrooms, the children wouldn't need to cool themselves down as much as they do now. Students have to deal with broken oscillating fans and ceiling fans that don't really make much of a difference because of the lack of air circulation in a class. Stepping out of the classroom, nose bleeds, and even fainting are all negative examples of what really happens around us. There is nothing positive about not having air conditioning in a classroom because it only leads to problems. Students fight over the limited amount of fans given to them and with something that provides cool air to every single person, it will solve the fighting. My friend has a problem with sweating a lot because of the heat and sometimes, we would get too hot to the point where his nose started to bleed. Others around the world are forced to go home because of the heat ranging from the 80s, but students in Hawaii have to deal with temperatures higher than that, everyday.

To Chairperson: Michelle Kidani

Vice Chairperson: Mike Gabbard

Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment

From: Gerick Banga

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

My name is Gerick Banga and I am currently a senior in James Campbell High School. Hawaii is a tropical paradise because of its hot climate which makes it a great vacation hot spot. While great for tourists or beachgoers, the high temperatures are more of a detriment for students and staff who are in great need of air conditioning to battle the searing menace. This is especially true in the fall and early summer in which temperatures in classrooms reach an excess of 90 degrees and above reaching as high as 100 degrees. Students and teachers can't really focus on education since all they are thinking of is the heat roasting away any semblance of concentration. Most teachers and students, including myself, have experienced such mind-numbing heat waves and heavily agree with this bill.

Have you ever stepped into a classroom and counted the amount of Hydro Flasks or similar water containment devices? Quite a lot these days. Most students and teachers seemingly in a collective motion bought such items for one encompassing reason: the heat. I, myself, have a Hydro Flask and cherish it deeply. While some may argue that this will ameliorate the situation, it does not fix it. Most Hydro Flasks are pretty pricey depending on the size and a water bottle is not going to correct the heat that is intrinsic to its environment.

All in all, I implore you to take this bill into consideration and make changes as soon as possible. It would do all able students and teachers a great service. Just imagine helping out many teachers who teach lessons in the miserable heat and aiding a lot of students with concentration on their rigorous courses like Calculus. If you fail to act, then our level of concentration is going to be like the limit of a

To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate
Committee on Energy and Environment

From: Joy Dela Cruz

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS.

I am from James Campbell High School and I agree that schools that have to go through almost 100 degree weather should have air conditioning installed in their classrooms. Most people would think that this would be unfair because, compared to private schools, some public schools don't have air conditioning. Campbell high school has been on a list to get air conditioning for years, yet to this day, we're still fighting for it.

Students are unable to concentrate during class hours, they tend to fall asleep and most are constantly complaining about the heat. From my own experience, I have had a class that had 20 students and we all had to share about two to three fans. However, we still had to fight for it and decide who would take it.

Stories about James Campbell High School and the weather we are living in has been all over the news. According to an article, "Teachers say Campbell was seventh on the Department of Education's priority list for air conditioning but then dropped to 70th place" (KFVE News). Students took it to the State Capitol to protest about this situation.

From: mailinglist@capitol.hawaii.gov
To: [EDU Testimony](#)
Cc:
Subject: Submitted testimony for SB258 on Feb 18, 2015 13:25PM
Date: Friday, February 13, 2015 12:44:04 PM

SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jose Caban	Individual	Comments Only	No

Comments: To:Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Jose Caban Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS My name is Jose Caban and i am a senior attending James Campbell High School As soon to be a graduate. I am writing this testimony to argue about whether James Campbell High School to be granted money for air conditioning. In my years of attending James Campbell High School I have had numerous classes without air conditioning, in those classes it was the most miserable classes i have had in my years. Being in these classes is the most uncomfortable rooms you may ever be in, these classes will almost instantly make you sweat. It has become so bad that teachers are using money from their own pocket to buy fans in order to try and make the classroom little more comfortable. Last year I had french in portable P3 for my fourth period and it was the most hottest class i have ever been in, there were times where i couldn't pay attention because it was so hot. In my class it would reach to about 98 degrees fahrenheit with the fans blowing in the class room. In another class I have actually witness a student faint due to the heat of the classroom and rushed to the health room. To top things off, at James Campbell High School we are at the top for the hottest school and also have one of the largest enrollment in the public school system, and with this said i believe that we have the right to have air conditioning so that we can have nice, cool, and comfortable working environment Thank you, Jose Caban.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Deborah Fuentes	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Deborah Fuentes Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS Hello, my name is Deborah Fuentes. I am a senior in James Campbell High school who is dealing with this oven heat as I type. I was taught that schools are where students go to learn educational and life skills, but how do students learn if the teachers and the students are unable to put their full focus in class because of the burning heat inside the classroom. James Campbell High school is the largest school in the state of Hawaii with approximately 30 students in most of the classes. In this public school, with this many students in one class, not involving the heat, the teachers may sometimes have difficulties with having a lesson to go smoothly. With the heat involved, the teachers now have to deal with students complaining every minute about their oven classrooms.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
J-Ron	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the senate Committee on Education, Members of the senate committee on Energy and Environment From: J-Ron Irons Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS Being a student at James Campbell High school can be difficult due to the heat, I have four classes; two of them without air conditioner. The difficulties is the constant sweat, feeling of being exhausted, and that irritating feeling of being sticky from the sweat, all of which makes class jaded, and makes focusing more of a daunting task. Research has shown that high level of humidity along with hot weather can lower scores on concentration, while increasing sleepiness (Do Classroom Temperatures affect A Students Ability To Learn?, www.screenflex.com). As student, I would like to ask that you consider this bill, and think about the future that you are investing in the next generation of young adults,that will shape this country, and affect the quality of our education. Thank you, J-Ron Irons

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To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Member of the Senate
Committee on Energy and Environment

From: Lloyd Pagala
Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

I am a senior at James Campbell High School who have been enduring learning in hundred degree classrooms for the last 3 years. Most of the classrooms can reach up to a hundred degrees, only about one third have air conditioning. Learning in these conditions is challenging for most of students. Hot classroom is an uncomfortable environment to learn. The heat gives students headaches, makes them nauseous, they sweat a lot and that tends to mess up their project that they are doing or making. Students can not think properly in these temperatures because they can not focus on their assigned tasks. Some students gets hostile and creates a lot of trouble and fights because of one student would not share a fan. Even fans does not beat the heat. No matter how many fans you put in one room it will be still hot. I have been one of those students who be dripping in sweat by the time the school is done. Some classrooms are cooler than the other. But for the most part James Campbell High School can be called the " Cinderblock Oven". It is really hard to concentrate in these classrooms.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Dominic Allen Domingo	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee of Energy and Environment From: Dominic Allen Domingo Subject: Support for SB258, Relating to Public Schools Schools prioritize its students education but how can students focus if they are always distracted by the heat in their classroom. "Classrooms in Campbell can go up to 100 degrees every afternoon," and it's always difficult for teachers to teach students that are continually trying to cool down. Instead of focusing on the lesson, they'll be too busy trying to survive from the humidity. My name is Dominic Allen Domingo and I am a senior in James Campbell High School. Throughout the four years I have attended James Campbell High School, I've never experienced a day without having to use my folder as a fan, so I can somehow stay awake and learn that day. I am here to address this problem that many Public School's are experiencing and something should be done for heated classrooms.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Kaitlyn Schneiderhan	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Kaitlyn Schneiderhan Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS James Campbell High School is one of the many schools in Hawaii without the luxury of air conditioning throughout the school. One third of classrooms in campbell have ac which leaves many students out in the heat. Some days it is almost impossible to focus on what my teachers have to say and or doing the work they assign. To improve the student learning environment we must add AC.

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To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, r Members of the Senate
Committee on Energy and Environment

From Christian Payne

Subject: Support for SB258 RELATING TO PUBLIC SCHOOLS.

I'm writing this letter because of the concern of my fellow student, staff and I here at James Campbell High School. The concern arises from the rise in temperatures in our classrooms and also the fact that we only have one building with complete central air conditioning. It is to my understanding that Campbell High School is in the top 8 schools who need air conditioning. This topic should not be undermined; this is a serious problem in our school systems that causes students to not focus enough on school but on being cool and comfortable. A study done by three students from Westview High School in Oregon proved that temperature drastically affects students' ability to focus. "<http://healthyschools.cefp.org>" On the mainland, schools in the past have closed because of temperatures exceeding 88 degrees. Also, they rarely have humid temperatures like we have here in Hawaii. Humid temperature increases the risk of dehydration and heat stroke. I hope you understand our point of view here at James Campbell High School.

Thank you for your time,
Christian Payne

From: mailinglist@capitol.hawaii.gov
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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
chelsea delacruz	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Chelsea Dela Cruz Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS I am a senior at James Campbell High School struggling to focus in class when the temperature is heating at 90-95 degrees. Whether it's too hot or too cold temperatures creates a big impact on student productivity, in this case Campbell is way too hot. During my sophomore year, most of my classes were in buildings that had no AC and it would be difficult to concentrate especially being surrounded by 35 other students. Students suddenly rush to the seat that is in front of fan, but the fan only blows hot air. "A heat wave with high humidity can sometimes cause us to feel like we are lacking energy." (Zurich, 2015). At our school heat has become a serious problem that affect many of the students and with improved air conditioning and proper fan ventilation systems will have a better impact on students learning environment and reduce poor performances due to the heat. Thank you, Chelsea Dela Cruz

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Micah Donaldson	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Micah Donaldson Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS ` I am a senior at James Campbell High School, I no longer have a classes without AC, but I have experienced it the past 3 years at this school. Being in these classes feels like you're in an oven. Even with the larger classes we have with at least 30 students in it, the temperature goes up. Now that i'm in all AC classes, it is easier for me to focus and maintain my school work. I don't get as stressed as I used to, due to the heat. I see it in many students faces during class, I know their stressed because the work that piles up, and sitting down in a oven won't help it either way. I'm surprised no one has fainted yet, being dehydrated, plus this heat, seems like someone could be vulnerable to this. I am lucky to have these AC classes now, cause those past three years without it, I wasn't in a class, I was in a oven. At work i'm in a kitchen and it gets pretty hot in there, but its not as worst as sitting in that classroom. Having these air conditioners would help the schools and students to exceed standards. Not having the AC just makes it ten times harder. We try to focus but the heat distracts us from our focus. Its not just about us students to though, we have the teachers sitting in these classes all day. Its just not healthy for any of us. We try to work out with what we have now, but its just opening windows and doors. Which doesn't help much because what kind of air is breezing through these doors and windows? "HOT AIR!" It would help and i strongly agree to the support for SB258. MAHALO, Micah Donaldson.

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To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate
Committee on Energy and Environment

From: Karl Abitz

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

My name is Karl Abitz and I am a senior at James Campbell High School. I have been at this school for four years since the fall of 2011 and I am a student that takes pride in my academic performance. High temperature classrooms are a problem of importance at James Campbell High School.

Although I believe that James Campbell High School is a great school, I found my experiences here learning to be unsatisfactory due to the conditions in which I have learned in. More than often, excluding the few air conditioned classrooms at JCHS, I find myself trying to learn and listen to the teacher in class while sweating a lot and feeling dizzy. Due to the high temperatures that emerge throughout the day in class, I often find myself unable to concentrate on the subject that we are supposed to be learning. I favor days of hard rain because on those days, it isn't as hot as normal days in class and I am finally able to concentrate and learn to my full extent.

Trying to learn under severe heat is a mentally and physically frustrating thing to do and even the smartest of students I know of have a hard time concentrating. Something needs to be done for the rest of the students that will be going to this school who are looking to learn a lot and exceed so that they may go to college. I would not like to see my younger sister go this problem and get lower marks because of this heat.

Classroom temperatures at James Campbell High School is a problem that needs to be dealt with so that the adults of the future may be better prepared to go into and run society. As a soon-to-graduate senior who could not learn in better temperature conditions, my only wish is that students who attend this school in the future will be able to learn without the frustration of sweat and headaches, so that they may go on to better society to their fullest extent. I support SB258.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Marie	Individual	Comments Only	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Muse, Ali'itaeao Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS Students, or anyone really, can only focus for so long in temperatures of 80+ degrees before losing switching focus from school work, to keep cool. To sit in a classroom, most likely in the same spot, for eighty minutes would be easier if we could keep our body temperatures down. Being over-heated could cause fatigue, headaches, and nausea. If a student is trying to get through a day not feeling so well, the heat may cause it to be worse. With about 3,000 students attending Campbell, body heat is at a maximum, and space is at a minimum. With people who carry books and sweat in these poor conditions, it is dreadful. And for the teachers, who have to teach; dealing with noises from students, questions back to back, and/or illnesses, this can be painful. This also can have our educators out for a few days, which is not great. Air conditioning is not to make our school look fancy, it is to ensure that, our students have the tools and equal amount of success to be able to do their best each day. Thank you, Muse, Ali'itaeao

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To:Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate
Committee on Energy and Environment

From: Piilani Stephenson

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

Hello, My name is Piilani Stephenson, I am a Senior at James Campbell High School. I am writing this letter to you because I am complaining about our school not having ac. Our school wants ac because it helps us work better and learn better. When its hot we the student can't concentrate and work. We tend to fall asleep and its uncomfortable for us to work. Our school JC needs AC, if you can get us AC then it will help most of our students at Campbell have better grades. Students skip out on class because its always hot. We would appreciate it if you would help us because education is very important to us. I say we need AC because i've had experience heat while trying to work in class or when i'm studying and it is hard to focus. Thank you for your time.

Sincerely, Piilani Stephenson

To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education. Members of the Senate
Committee on Energy and Environment

From: Kyle Cirilo

Subject: Support for SB258. RELATING TO PUBLIC SCHOOLS

I am writing this letter for my school James Campbell High School and it's students and staff. The problem is the lack of air conditioning in most of our classrooms. For my fellow students it is hard to concentrate when it is so hot in our classrooms. Both teachers and students have to deal with the heat. Only a few classrooms have air conditioning installed in them. Because of the heat students get tired easily. Some have to put their heads down because they feel fatigue. Students also get dehydrated and always have to get up, leave the classroom and drink water. If we are always leaving the classroom we don't learn some stuff. The heat prevents students from concentrating on the task at hand. The result of this is less learning. The students performance goes down in hot temperatures. It is hard to focus when the heat is so high. It can be very uncomfortable when you're dripping in sweat and feeling all sticky. Especially in August where it gets really hot. You also start stinking up the class which is gross.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Ashlyn Yagin	Individual	Comments Only	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Ashlyn Yagin Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS My name is Ashlyn Yagin and I am a senior attending James Campbell High School. As soon to be graduate, throughout my years of attending at Campbell High the environment of Ewa Beach has reached a breaking point at times. Sometimes when I'd go to class I would instantly sweat and sometimes I would get headaches which led to not doing my work in class because it was so hard for me to focus. I honestly felt way better doing my work at home than at school. The excruciating temperatures at our school has led us on a strike for the demand of AC. As for myself, students, and even teachers have complained about our hot classrooms making it difficult for us to concentrate. From an article called "Campbell High teachers complain about hot classrooms" by Jim Mendoza, Campbell High school teachers Brandy Davis stated "In my classroom it was 93 degrees yesterday" as well as Corey Rosenlee "Try to imagine teaching in a Sauna" therefore this has put our teachers through complaints and this isn't the kind of environment that we should be educated in . In addition with being one of the hottest schools in the State and having the largest number of students almost reaching to 3,000, we should have the right to receive AC for our school so that all of our students and teachers can be able to educate, learn, and concentrate through bearable conditions. Thank you, Ashlyn Yagin

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Kenneth Concepcion	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the House Committee on Education, Members of the Senate Committee on Energy and Environment From: Kenneth Concepcion Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS Hello, my name is Kenneth Concepcion. I am currently a senior at James Campbell High School. I am writing a testimony to support the bill SB258. This bill is pertaining to giving public schools air conditioning. We need air condition in many public schools because the heat makes many student incapable to focus on learning. An example of this would be in the news article "Kids Rally to Cool Off James Campbell High", It states that that "When we have that hot classroom it's makes it hard for the kids to learn and no one can tell anyone that having 100 degrees is a fair and decent education," said Rosenlee". Seeing that a classroom's environment has reached 100 degrees, i believe that it would make learning strenuous because many student would be more engrossed in cooling off. Even though their is a bill about giving air condition to our public schools, the progress of this bill is moving slowly. Thus, we students and teachers have to experience working in this unfortunate environment while the Department of Education work in air conditioned offices. However, there was a time when the Department of Education's air condition unit broke. Since this happened, it have them a taste of the environment that we have to work and learn in. In the article, "DOE executives miserable working without A/C", it states, "Environmental conditions always impact one's ability to work," said Sen. Tokuda. "Heat is difficult for anyone to deal with and the kinds of conditions that they had to deal with because of this air conditioning break were very difficult". Since they experienced what us students and teacher have to go through five days a week. They should know the urgency of air condition in public schools. Sincerely, Kenneth Concepcion

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To: Chairperson Michelle Kidani

Chairperson Mike Gabbard

Members of the Senate Committee on Education, Members of the Senate Committee of Energy and Environment

From: Cassidy Rock

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

Imagine sweat pooling at the back of your legs, heat radiating off of you and the 30 other people around you as you stay cramped in a classroom that's 90-100 degrees, every day for your four years of high school. My name is Cassidy Rock and I'm a senior at James Campbell High School. I'd like to bring forth a problem that has never properly been addressed.

James Campbell is just one of the many schools in Hawaii without air conditioning. The few classrooms that do have AC are for administrators, so most students don't ever receive the benefits a cool classroom can offer. The ideal classroom temperature is 72 degrees, and the students sit in classrooms that reach the 90's and even 100's. It's excruciatingly difficult to teach, yet alone learn, in an environment this hot. This problem is affecting my ability to learn and to concentrate. I'd like this issue to be resolved, as well as numerous others.

I am fortunate to be one of the few students who have an AC classroom, and I can say that it truly does affect my ability to learn and to obtain good grades. In the heat I'm too busy trying to keep cool and get comfortable that I can't focus on the task my teacher has assigned me. I'm sure that it'd be immensely harder for you to complete your work if you had to sit in a room that was boiling with 30 other colleagues body heat on top of the 80 degrees already sticking its way onto your skin. This problem is not only affecting my grades, but my ability to get a quality education.

My proposal is that we try and get a cooling system like AC's in the classrooms, not only in my school but other schools who need it just as much. I know that you can find a solution to such a simple problem that could change the way students go about their education. This would be momentously appreciated.

Sincerely,

Cassidy Rock

To: Chairperson Michelle Kidani
Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate
Committee on Energy and Environment

From: Maureen Juan

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

Students in James Campbell High School suffer in classrooms that reaches over 90 degrees. Department of Education goals is to have to students be successful in college, careers, and citizenship. Students are literally in a stove oven trying to learn in that much heat, being in a classroom that reaches over 90 degrees for almost two hours students don't feel motivated to learn because they feel confused, have headaches, dizziness, and nausea all leading to heat-related illnesses. How can we reach our goals of being successful in our careers, if the government is not even willing to fix a huge problem in our public schools. They're finding alternatives other than using central air but its still not fixing the problem. Even if you use ceiling fans or electric fans it still doesn't help the students because its only blowing the hot air towards them. Being a student in James Campbell High School, it is so hot to learn which affects my grades because the heat in the classroom makes me feel so tired and gives me headaches, where I can't focus on the teachers lessons. When it comes to test day, everyone in my class gets a hard time remembering what we learned and applying it on our tests because there are some days where we just doze off because of the temperature that gets so high in our classrooms. Being a senior in High School, I decided to work part time at the Zippys Restaurant. I would rather be in the kitchen than sitting down in 90 degree class. So please help us get air conditioning in our school because only $\frac{1}{3}$ of our school has it, students would be much more motivated if it wasn't so hot and our test scores would be way better than it is now. Thank you for taking your time to read my letter.

Maureen Juan

To: Chairperson Michelle Kidani
Vice Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate
Committee on Energy and Environment

From: Darryl Vincent

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

My name is Darryl Vincent and I am a student at Campbell High School. There are currently only 40 classes with air conditioning and over 100 classes have no air conditioning. Campbell High School is the largest public school in the state of Hawaii and we have classes full of students. All of these classes are hot and we all suffer in these classes because we can't focus on our work. We are distracted by the sweltering heat and this prevents us from doing the best of our abilities. If we cannot achieve in our school system, we have a lower chance of a bright future because in today's society, we are taught that having an education can guarantee us a good future with a great job. If we cannot do well in our education system because of environmental problems, change is needed. I hope that my dreams will not be crushed because of an air conditioning problem that could have been solved. Please help us and pass this bill so we can actually improve our society by excelling in our education system.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
prya oliveira	Individual	Comments Only	No

Comments: To: Chairperson Michelle Kidani Vice Chairperson Mike Gabbard
Members of the Senate Committee on Education. Members of the Senate Committee on Energy and Environment From: Prya Oliveira Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS Focusing in a hot class room isn't easy, but when that hot classroom is filled with 30 students and little fans and ventilation, that makes it harder. When the Queen Liliokulani building's AC broke down, the workers then felt our pain. They explained how they felt nauseous, dizzy, and they even left work early. As for us, we aren't allowed to leave school early, we have to sit in a packed classroom, sweating, in our uniforms that are thick and forced upon us, and we don't have a choice but to pay attention. If the state workers can't handle the heat then neither should we, it isn't fair. We were told that we would have a change soon, but we have seen no improvement once so ever. We were promised at least an alternative, which we did not receive. We are the biggest school in the state, with over 3000 kids, and the highest temperature, we are kids, not deserts waiting to get baked.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Valentine J. Doria	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Valentine J. Doria Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS My name is Valentine J. Doria and I am a student at James Campbell High School. As someone who is interested in advocating the welfare of my own and my peers' learning I strongly support SB258. I believe that the temperature in public schools can definitely influence our ability to learn. There are over 100 classrooms that don't have air conditioning in my school, James Campbell High School, in which the temperatures in these classrooms can reach over 90 degrees. If our school or any public school for that instance gets air conditioning I believe that it'll be easier for students to learn and focus in a classroom.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Cameron Maximo	Individual	Support	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment From: Cameron Maximo Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS My name is Cameron Maximo and I am a student at James Campbell High School. As a student that care for the well being of everyone's health I strongly support HB759. I believe that schools need air conditioning for students to focus better in class. In an average classroom at James Campbell High School the temperature can reach up to 90 degrees sometimes even more. Such high temperatures can affect a student's behavior. "According to Psych Central, high levels of humidity which is usually accompanied by hot weather lowered scores on concentration while increasing sleepiness. A heat wave with high humidity can sometimes cause us to feel like we are lacking energy (Screenflex Room Dividers, 2015)." This is exactly how we, students, feel on a day-to-day basis during class. Classrooms with high temperatures can make students feel uneasy and tired. Imagine being in a room that can get as hot as a sauna and being forced to stay in there to do work. Sometimes because of the heat I feel the laziness and sleepiness throughout the day. I support this bill in favor of cooling systems in public school facilities so students, like me, will not have to experience such high temperatures while in class.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jacob Kyle Mariano	Individual	Comments Only	No

Comments: To: Chairperson Michelle Kidani Chairperson Mike Gabbard Members of the Senate Committee of Education, Members of the Senate Committee on Energy and Environment From: Jacob Kyle Mariano Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS I am a student at James Campbell High School and past news reports stated that James Campbell High School will receive Air Conditioning in late 2014 but as you can see, there has been nothing done at my school. I question why they did not do anything but in actuality, something has to be done to take away the suffering of many students at school. As I see it in school, many people complain that the heat affects their learning but not focusing in class and not producing quality work. In the past, Campbell students rally at the State Capitol for cooler classrooms. You see them putting effort in the rally to push for air conditioning and if you don't even consider their attempt to make their school a better place, there is something wrong. Ewa Beach is known to be a scorching area in Hawaii and students have been dealing with heat for a long period of time and they are tired of learning in such a sauna. Temperatures in Campbell classrooms have been over 90 degrees with a lot of students. With so many students, it gets worse for everyone. We really need Air Conditioning in our classrooms so students can feel happy about going to school, not worrying about the heat.

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SB258

Submitted on: 2/13/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Sharlene Insong	Individual	Comments Only	No

Comments: To: Chairperson Roy Takumi Vice Chairperson Takashi Ohno Members of the House Committee on Education From: Sharlene Insong Subject: Support for SB258, RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES. My name is Sharlene Insong and I am a student at James Campbell High School. I strongly support SB258. As a student, I see the direct correlation between the environment and the ability to learn. Going to class after lunch becomes very difficult due to the heat rising in the middle of the day and the body heat of 35 students in one tiny classroom. The heat has become an issue and will continue to affect us until the problem is resolved. By putting air conditioning in public school facilities, you will help students be able to concentrate on learning instead of letting them think about how much they want to just jump in a pool of ice cold water. Pass this bill to help the future leaders of America. Do it for the kids that want to be politicians like you, that want to be suregEons and scientists. Do it for the education.

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SB258

Submitted on: 2/13/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Ruffa Gutierrez	Individual	Support	No

Comments:

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To: Chairperson Michelle Kidani

Chairperson Mike Gabbard

Members of the Senate Committee on Education, Members of the Senate Committee on Energy and Environment

From: Dean Sato

Subject: Support for SB258, RELATING TO PUBLIC SCHOOLS

Aloha, my name is Dean Sato, a student from James Campbell High School. I am a student who has sustained the heat of ninety degree classrooms. I have personally experienced going from a class with air conditioning to a class with approximately hundred degree weather. I felt miserable to even cooperate with the teacher. Being in nearly hundred degree weather makes it hard for students to concentrate on their task when they are using their work to ventilate themselves. If I were to compare the heat to a similar environment, a sweatshop would be identical to the environment that we have to work through. Although the expenses are colossal, what are supposed to be "the future" are struggling in the heat that they go through. Working in the heat gives students headaches which leads to skipping important subjects. Thank you for your time in reading this.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jacob Somera	Individual	Support	No

Comments: Dear Sir or Ma'am, I am writing to you to emphasize the importance of air conditioning in all classrooms across the state of Hawaii. With air conditioning in all classrooms, the quality of the education that the students receive would improve. For obvious reasons, students are often too hot to maintain focus during their studies, and distract themselves with ways to cool off. However, air conditioning would also change many other aspects of the classroom. Air conditioning would provide students with a closed environment. At many schools, the school is maintained during the week, while all the students are in school. Grass-cutting and construction produces noise that disrupts the class. When repairs are being made to septic systems, the odor that is released is sickening for the students and are moved to a different location. With an open classroom environment, bugs, such as bees and moths, rain, and strong winds enter the classroom easily. With air conditioning, students would have to endure any of this anymore. Hopefully, with this, a change to schools can be expected within the near future. Sincerely, Jacob Somera

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Chelsea Pajinag	Individual	Comments Only	No

Comments: Dear Sir or Ma'am, To pleasantly take the this time out of my day to warn you how dangerously bothered I am by this extreme heat Ewa Beach seems to come upon during the mid mornings to afternoons is ashamed. Education, especially students, faculty and staffs, should not have to deal with this organic situation. I believe as a almost Graduate from James Campbell High School, every school should have the same and equal amounts in school fundings or also education justice. We live in a generation where "equality" should be a big hit in this world and we evolve but not a spike or minimal equality have I seen in my 18 years of living. That is sad. When and where do we start and see the changes? When it's too late? That's ashamed. As a "proud" citizen of the United States I shouldn't force myself to find what makes me "proud" of being one. Rather more, I wish to be in an environment where everyone is equal. Equality is huge aspect we've all been approached to. So why not make it a big deal how it should be. I'm sure it's really nice sitting in your chairs as you read my testimony for Air Conditioning in your Air Conditioned office. So why not share that comfort and gratitude to the students of James Campbell of an estimated 3,000 shy. We are the future. You hold it, we make it happen. Equality.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Gabriel Rubina	Individual	Comments Only	No

Comments: Dear Sir/ Ma'am, Everyone knows that education is essential to one's success and future. It is also known that education faces several factors concerning the learning environment and efficiency. Private schools, compared to public school, have better facilities and learning environment, which gives their students an advantage when it comes to learning. The point is, public schools need a better and improved learning environments, so that their students such as myself can have the best results for learning and taking tests or exams. May you please take my concern in your consideration. Thank you.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jazze Ericka Tungpalan	Individual	Comments Only	No

Comments: Dear Sir/Ma'am, I believe that all students have the right to equality. If some schools have AC in all of their classrooms, I believe that other schools should too. Not just air conditioners, but all schools must have the equal amount of benefits they get from the government. We live in a country which ideals are centered to equality; we should abide by them. Regarding to having air conditioned classrooms, on the over hand, I believe this is necessary to have in "all" schools for numerous reasons. Hot classrooms are uncomfortable. It's hard to focus on schoolwork when you're sweating. It's a distraction. You'd rather "fan" yourself than actually listen to your instructor. Mosf importantly, it's unhealthy. Have you heard of heat stroke? Deadly.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
anthony pablo	Individual	Comments Only	No

Comments: Dear, whom this may concern, I have attended James Campbell high school for all 4 of my high school years. I think just like all the students in public schools that struggle with heat, i have had some classes that were pretty chilly.. but compare that to the 75 minuete classes i took with really high tempratures. I may have spelling errors perhaps its the fact that all of my english class have been really hot i didnt pay attention ad wanted to sleep the whole time. God bless your soul and i hope you consider our school as top canidates for AC cause how can we compete with private schools if we arent eve on the same level f fairness....

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan Pascual	Individual	Comments Only	No

Comments: Dear sir or ma'am, I believe that it's very important that you consider putting AC in public schools. As of right now, classrooms in schools are very hot and very difficult to deal with. It has a large impact on everyone's learning experience. When were in class, were more concerned about the heat than our actual schoolwork. If there was AC in all public schools, it'll help students enough to be much more concentrated and comfortable.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Joshua Jacob Mauricio	Individual	Comments Only	No

Comments: Dear Sir or Ma'am, As a student who has attended fours years at James Campbell High School, I would like to share my testimony concerning with education and the facilities. When attending school during the times of spring, summer, or fall, my learning is greatly affected. Through times of hot weather, I tend to lose concentration because all of my mind is focused on dealing with the heat. My colleagues would yell out that it is hot during the middle of class. Everyone would agree and so would the teacher. The time we take for breaks against the heat could be used for learning time and individual studies. And in conclusion, it is just too hot majority of the time to be in a learning attitude or learning environment. #beattheheat

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Aryka dyer	Individual	Comments Only	No

Comments: Dear sir or ma'am, The difference between a hot classroom and a cool classroom is huge. Students in hot classroom don't feel comfortable or motivated. The only thing on their mind is how to get comfortable and cool in class. I know this because I been in each different classroom. Students are focus on the lesson when their environment is bothering them so much. When students are cool and comfortable in class they are able to sit down and listen without being bother by the sweat running down their back or in constant search for a fan or window. It feels like home and students can comfortable work and learn. If you were stuck in a hot office room for seven hours do you think you would have the motivation to work? Try place yourself in our shoes and understand our situation. Sit in a classroom where the heat can get unbearable and try and try and listen to a lecture while fanning yourself. Thank you for your time and I hope you really consider fixing this problem.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Malia	Individual	Support	Yes

Comments: Dear sir or ma'am, it's very hard to concentrate in my classes with no ac. At the end of the day I'm always sweating and end up feeling uncomfortable and it effects my learning tremendously. As a senior I know I will not be able to get the chance to learn with all ac classes but for future students that go to Campbell, they deserve to get a better education.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
lydia beard	James Campbell high school	Support	No

Comments: Dear sir or ma'am, I'm a student of James Campbell high school currently. I am also a senior. I have been to a few different high schools and none have been as hard to concentrate in as James campbell.

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Submitted By	Organization	Testifier Position	Present at Hearing
Kiana Frazier	Individual	Support	No

Comments:

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To: Chairperson Michelle Kidani, Chairperson Mike Gabbard
Members of the Senate Committee on Education, Members of the Senate Committee on Energy and the Environment

Subject: SB258, RELATING TO PUBLIC SCHOOLS

My name is Corey Rosenlee and I am a teacher at Campbell High and I have been fighting for seven years to get ac in our classrooms and I urge you to pass SB258. First I want to share why we need ac in our classrooms. This year KITV came to Campbell and measured temperatures, once classroom as 100 degrees. This is not like a sauna where you go in for 15 minutes and then you leave, teachers and students have to endure those temperatures for hours. In these temperatures students are only focusing on the heat, and learning stops. This is not just a Campbell problem, teachers from across the state took temperature reading over 90 degrees.

So what is the solution? First we need to know how many classrooms in Hawaii don't have ac. The DOE has stated that there are 7000 classrooms in Hawaii that don't have ac and to put ac in these rooms would cost 1.8 billion, or \$250,000 per classroom. These numbers have made the problem seem impossible to solve and I believe both numbers are wrong and this is why we need this bill.

First, 7000 classrooms may or may not have ac, but I only way we will be able to determine this is to go to each school and count. Many teachers and schools because of the heat have already put ac in their classrooms. At Campbell approximately 1/3 of classrooms have ac, but you wouldn't know that unless you look. If we can take an accurate survey of ac in our classrooms, and if that number is lower it can and should bring down the cost.

Claiming that it would cost 1.8 billion is an unknown. Pohakea was one of the most recent schools to put ac in. They had to upgrade the electrical system, took out all the windows and replaced them, redid the roof and floor and put ac units that were larger than a refrigerator for each class. The DOE did this for \$115,000 per classroom. Even at that rate, accounting for 7000 classrooms it would bring down the cost by a billion. But I believe we can bring that down even further. One of the things that is essential for this survey is to find out how many schools can put in ac without the electrical upgrades. At Momilani elementary, their PTA was able to raise the money. Currently they have box acs, but they are putting in split acs and put plexiglass, installed by the navy, in front of the louvers. They are doing this for a few thousand dollars. How many other schools could do something similar. I don't know, the DOE doesn't know, but we need to know. Another essential component needed in this bill is to assess the current electrical capacity of each school to determine whether they can put in ac without upgrading the electrical system.

The last hurdle is what to do with classrooms and schools that do have an antiquated electrical system. Two years ago when faced with the problem of how do we get ac in our classrooms, and do it for less than \$115,000 or \$250,000. The answer is photovoltaic off the grid air conditioning. The biggest concerns the DOE has is the cost of electrical upgrades and future electrical costs and that is why they take out the windows, roofs and ceilings. For pv ac you don't need that. People in Hawaii are living off the grid, and this would use renewable energy and bring down the cost to about \$15,000-20,000 per

class. This technology may not work for every classroom, but in the last year we have tried, but have been unable to get the DOE to try this technology in just one classroom. It is frustrating because collectively we must solve this problem.

Last states all across the mainland closed their schools, when rooms got into the high 80's and 90's and did not have ac. In Hawaii we don't close schools, because we know if we had to close schools everytime it reached into the high 80's we would have to cancel school for half the year. If we are not going to close schools, and we don't want children to learn in boiling classrooms, then we must solve this problem and this bill is a first step.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Mike Dahilig	Individual	Support	No

Comments: As a student I have experienced and have been in both a AC class and a non AC class, and of course the AC class is much better because you can focus and and learn. Being in a classroom with no AC is much more different because it's really hot and sometimes some of us students doesn't even attend class or do work because it's too hot to even be focused or to learn in a hot class

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Kiyoshi Ramos	Individual	Support	No

Comments: Here at James Campbell High School, we don't get much rain and wind as other schools do. It's always hot and many can't stand it all. I currently have two hot classrooms ranging from 80-100°F. When I'm either learning or working, I just can't pay any attention as I'm always dehydrated and wanting to take breaks. Of all, heat distracts the students the most.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Danielle Alexis Dequito	Individual	Support	No

Comments: Last year there was a classroom in JCHS that was voted the hottest classroom in the school. It was said that this classroom could possibly reach to 90-100 degrees. I was crazy to think that this was actually possible in my very own school. But it's even crazier to know that the classroom voted for the hottest on campus was where one of my classss are this year. Just recently, Mr. Wooten himself told us that in about a month or two, we should be preparing for the hot weather. And that is definitely something I'm not looking forward to. Students here don't ask for AC because it gets really hot. We ask for AC because it makes our learning environment better for us. Only someone who has spent their time in one of our hottest classroom will understand how bad it gets when the weather gets too hot. Thanks for taking your time to understand what students at JCHS go through on a daily basis. All we ask is for you to here us out.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Mark Miguel	Individual	Support	No

Comments: I do want to have AC in Campbell. We hate having to work in the heat of the sun. School would be better if we can focus on our work than focusing on being cooler in this hot environment. When we are in a cool environment we can focus more and have more intellectual conversation about our work. Although in the heat, we become more savage and everything and everyone just gets irritating. Uniforms start to get irritating because we don't want to wear clothes that makes us perspire so we wear less clothing. The result of that act is admins gives us consequences that will take time out of our learning and take money out of our parents pockets. It is going to get hotter and hotter and students will not learn and rebell against the admins. Especially since Ewa is so hot. Please give AC to Campbell, we hate the heat.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jay Vincent Gajonera	Individual	Support	No

Comments: public school needs ac because you cant spell education without ac.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Caroline	Individual	Support	No

Comments: I am a student here at James Campbell High school and we deserve AC !

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Submitted on: 2/17/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
aryana cabudol	Individual	Support	No

Comments: In this class it's really hard to concentrate with all heat and the noise coming from outside. it's hard to stay up because of the heat, and I always sweat in class and I feel really gross. at James Campbell High School is one of the hottest schools, so all of us would appreciate if we have AC.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
jasmine	Individual	Support	No

Comments: Please provide us AC in our high schools. With a suitable learning environment, it will benefit our education and health. One of our students here had a seizure because of the heat and we wouldn't want to let that happen again. So please, if you want our future to be proficient then take care of the generation that's coming.

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Submitted on: 2/17/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Kamekona Reiny-Aloy	Individual	Support	No

Comments: It was so hot taking my quiz, I literally blacked out. Especially having this class in the afternoon. It reaches above 100 degrees. It negatively impacts my education, I can't focus.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
jayce bantolina	Individual	Support	No

Comments: Walking to classes are already hot. Going into to class is even more hot. Trying to stay focused was a problem for me because I would feel sticky and wouldn't stop sweating. Most of the days are hot. WE NEED AC

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Submitted on: 2/17/2015

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Submitted By	Organization	Testifier Position	Present at Hearing
Robert Iwasaki-Kelai	Individual	Support	No

Comments: I've been a student at Campbell High School for four school years and suffered from the heat in the classrooms. I must say, it's difficult to learn when it's hot.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Devin Pagdilao	Individual	Support	No

Comments: When I am sitting in a hot class room I can not focus on my work, im only focusing on fanning my self to stay cool. I dont like to go to my afternoon classes because it gets so hot after 12 o'clock.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Nicole Burke	Individual	Support	No

Comments: In 10th grade, my English class was blazing hot. It was difficult to focus on my work and I could not finish class work because I was too busy trying to fan myself to cool down. As the years passed, it feels as if it became hotter. Therefore, it is harder to focus and definitely affects my grades. I'm late to class because I like to stand outside and try to cool down before going in the classroom. I believe my school deserves air condition, to help students focus and maintain grades.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Maygan Navarrete	Individual	Support	No

Comments: It's so hard to focus when all you're thinking about it how hot it is in class and always wanting to leave class to get a cool sip of water.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
jordan iwane	Individual	Support	No

Comments: It gets really hot in class, so I go outside and cool off, and while i do that i am missing out on learning.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
jon morales	Individual	Support	No

Comments: Being in a hot class is very hard and hard at times because during out the whole day it gets very hot after lunch and in classes, it's hard to stay up and pay attention because you can never concentrate. I also skip class because it's hot and can't focus on the class work.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
christine carlos	Individual	Comments Only	No

Comments: Sometimes it's difficult to concentrate in class with a hot temperature. The hot temperature not only effects the community but us students who are striving our best to earn our education. With Air condition I do believe that is students has a high chance of earning all those A's.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Nainoa Soto Thompson	Individual	Support	No

Comments: Having a school without AC is very difficult. Knowing that Ewa Beach is super HOT it's difficult to be ready to learn. It is a distraction to the learning environment and it effects us greatly. How can we focus on learning if we are focussed on the heat strokes we have in class. I can not work effectively in these conditions.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Charles Rafael	Individual	Support	No

Comments: I am a student at Campbell High School and I feel that if we had AC in school I would be able to pay attention a lot more. When it gets around 90 degrees it makes me more concerned about how hot it is rather than listening.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Kacie-Tyler	Individual	Support	No

Comments: In class its very hard to concentrate because of the heat there is often times when I dont go to that class because theres no use of going and trying to learn when I cant concentrate.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Jostin Delgado	Individual	Support	No

Comments: Having no AC has in many way been a disadvantage to kids in my school. you cant have the same expectation from all kids in the nation when some have a much more pleasant learning enviornment .

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Junhee Lee	Individual	Support	No

Comments: Please do not tell us to compete those kids who have been studying in better conditions, while we are getting all these disadvantages.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Tiani Jozelle Luna	Individual	Support	No

Comments: There are so many classes that I have wanted to join throughout my 4 years I have attended Campbell. Many in which I had dropped and separated from because it was just TOO HOT. This is very unfair.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Barndon	Individual	Support	No

Comments: Day in and day out, I walk in the blistering heat to commute to school. Upon arrival, I hope to seek reprieve in class, but only unearth dissapointment. The heat reaches my thoughts and snares untill they cease to move. The class a blur and the lesson does not reach my ears. I wish to learn, but I have no A.C.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
miguel, michaela	Individual	Support	No

Comments: james campbell high school classrooms can get extremely hot. i know personally that its hard to pay attention in a hot classroom, i often tune out and sleep.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Casey	Individual	Support	No

Comments: It is most definitely unjustly that some communities are getting more attention for success than some other communities such as ours here in Ewa Beach. As a student that attended private schools in my younger years and switching to Campbell, a public high school, I always found so much effort done by our teachers and staff to try and educate us in the warm conditions. We, the students never can completely focus on learning our subjects because of major factors like the heat and the fans. Please consider getting AC for us to truly make all of Hawaii's communities grow and thrive to major success.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Dredd Rapisura	Individual	Support	No

Comments: It is terribly difficult to try and concentrate when in a room that is so absurdly hot that the mind constantly thinks about how hot it is rather than thinking about the task at hand. It would be in the best interest of everyone at all the AC-less schools that they be given AC to increase thinking capacity.

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Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Rayden Pepe'e	Individual	Comments Only	No

Comments: Its hot! Give James Campbell Highschool AC. Y u no give JC AC?!

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
keola himan	Individual	Comments Only	No

Comments: My personal experience with lack of a/c at campbell high school is simply that it is more difficult to focus during class. I used to attend Kailua high school and all of my classes except for 2 had a/c and since transferring I have had only 1 class with a/c. Being at Kailua I felt I had an easier time concentrating on my work because I could relax in cool temperatures and comfortably do my work. It's also a lot cooler in climate at Kailua so my other classes without a/c weren't so bad either. Ewa beach is extremely hot. It is by far the hottest place on the island and it hardly ever rains so it is constantly hot and humid. Sitting in classes that have been heated up all day reaching temperatures of up to 100 degrees makes it extremely more difficult to focus. Instead of doing my work I'm worried about finding the nearest fan or wanting to leave class to get water because of so dehydrated. My concentration is at an all time low because I'm uncomfortable and sweaty through out the day. It's very hard to sit through hour and 20 minute classes trying to focus, take notes, and study while literally dying of heat. I know from personal experience that cooler classrooms would result in better performance academically.

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SB258

Submitted on: 2/17/2015

Testimony for EDU/ENE on Feb 18, 2015 13:25PM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Holden Tibayan	Individual	Support	No

Comments: The heat in my Spanish class made the experience really unbearable. How can one spend an hour in the heat and be expected to put in one hundred percent.

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