

National Weather Study Project Competition 2009

Thinking Globally. Acting Locally.

Commendation Award Project Features - Primary School Division

Environment Song

Temperature arising

(Sing to the tune of Five Stars Arising)

Oil prices are increasing
In our economies
Rising and rocketing and
Escalating, expensive it can be
Do your part to save energy
Reduce temperature for efficiency
So tell everyone out there
Care for Earth, let's care

Demand for oil is arising
Use millions barrels of oil daily
This will increase by 2050
It will definitely be a worry
Temperature may rise by 5 degrees
Flooding Singapore and other countries
So take climate change seriously
Or we pay the penalty

With disasters around us
Climate challenges and energy needs
We all have a role to play
To conserve energy
Use a heat reflective solution
To reflect solar radiation
Lower temperature and electricity
Cut green house gases, shall we?

By **South View Primary School**



South View Primary School Keep The Heat Away

We have chosen to do a project on heat reflective solution and study if a heat reflective solution lowers the temperature in rooms and whether there are cost savings associated with the lower temperature.

Based on our collection of data, we discovered that a heat reflective solution brings down temperature and lowers electrical consumption. We have also conducted surveys to find out the comfort level of pupils and teachers in the rooms painted with heat reflective solution. From the results collated, we discovered that teachers and pupils find the rooms painted with the heat reflective solution more conducive and comfortable.

Through this project, we hope to raise public awareness in considering the use of heat reflective solution to reduce electrical consumption. We hope that heat reflective solution can be a cleaner and greener way of cooling rooms in the future.



Team Members:
Lim Zheng Feng, Vasu Ramdeo, Sean Ying, Belinda
Chong Wan Xian
Teacher Mentor: Ngiam Wong Wei Yong,
Norm Nurul Adinah, Eie Abdul Aul.



1) Staff room - Concrete Roof area
- approximately 360m²



2) Class Room 4.8 - Metal Roof area
- approximately 103m²

