

Switch on Solar Educational Modules

School Solar Champions Program

Students of Standard 7 or 8 will undertake the following 5 activities to become Solar Champions. Guidance needs to be provided by faculty members. For certain activities, such as 'Switching Over' students need to actively persuade decision makers to help the school become more sustainable.

One Month After Solar PV System Installation

1. Switching Off Campaign:

This activity is simple, the Solar Champions embark the school on a 'switching off' campaign where the entire school makes sure they switch off unused or unnecessary lights, fans, equipment, etc. and save on electricity. The work on preparing for the 'Switching Off' campaign can begin immediately after the Solar Installation has been set up. For this activity Std 7 / 8 has one month to design posters (virtual and other) and can design contests, etc. amongst classes for the switching off campaign ideas.

2. Audit (Before and After):

Solar Champions or the School Administration can put up before and after Electricity Bills on the School Notice Board

The Audit is to compare bills of the previous year before setting up of the Solar Installation and those bills after the setting up of the installation. Furthermore, students have to thereafter also compare bills after they start the switching off campaign. Whatever is saved during the first 6 months is calculated in this Audit activity. Students

have to calculate not only the electricity units saved but also calculate the money saved and calculate the reduction of the carbon emissions.

3. Switching Over:

The Solar Champions can use the saved money to buy LED lights for the school and after the LED lights have been installed, they calculate the total savings further. Thus, they conduct a second round of Audits. The Solar Champions have to study the various areas of the school and decide on what kind of LED bulbs they will buy and what capacity and so on.

4. Making the Neighbourhood Schools Aware:

The Solar Champions prepare awareness materials and invite a minimum of two schools from their school's neighbourhood to their school (one at a time) to help them understand their Solar Power Initiative. They would have to create awareness on "Why Solar?" for the students of those two schools. The Solar Champions would have to design the learning materials themselves. These could be presentations, films, posters or online materials like quizzes, etc. Their role is to help the neighbouring schools understand that Climate Change needs to be addressed immediately and intensively.

5. Documentation & Sharing for the SoS Website

All the SoS schools together with their Solar Champions have to document and share all the four above mentioned activities that they have undertaken to the SoS team. The Switch on Solar website (<https://sos.cere-india.org>) eventually would have interactive facilities



to help student communities play a leadership role in Climate Change Mitigation and move beyond Solar Installations. These dialogues could help the entire school move into a Green School Mission.