

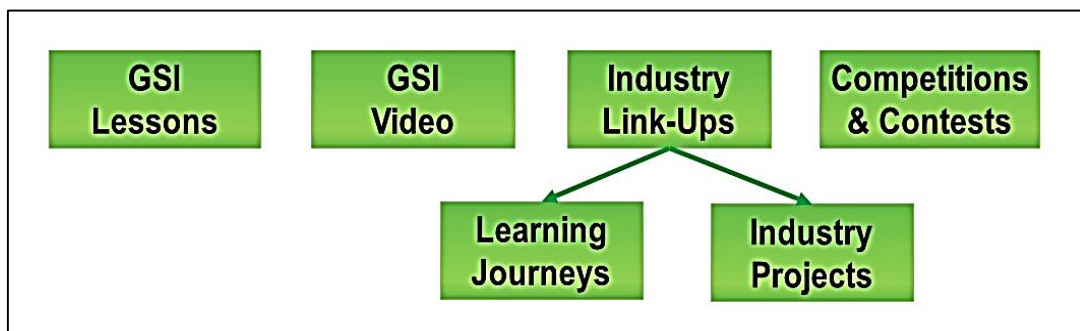
Overview

The Green Schools Initiative (GSI) is an educational outreach programme provisioned by the Singapore Green Building Council (SGBC) to educate students on the role buildings play in environmental sustainability, and the impact that building design and technology have on the performance of buildings.

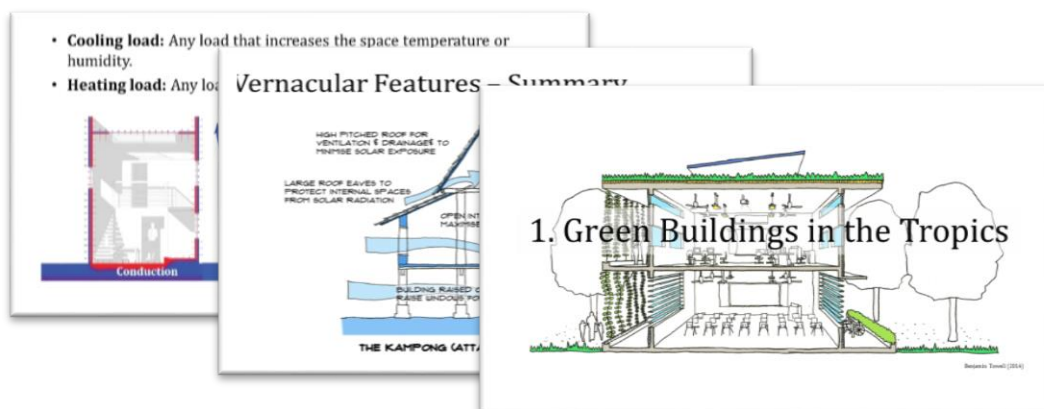
Through the GSI, students would gain a deeper understanding of the concepts surrounding green building and be familiar with the key principles for green building design.



Structure



The core of the GSI is a ten-lesson presentation package that covers the key aspects of green building. From building orientation to principles of air-conditioning, the slides for each of the nine lessons have been developed by SGBC and are loaded with accurate content complemented with illustrations and drawings to hold the students' attention. The tenth and final lesson may be conducted by an officer from the Building and Construction Authority (BCA), letting students know about Singapore's agenda for green building.



The presentation package is planned as nine decks of slides in five focus areas, each lasting between 40 minutes to an hour long:

- Module 1: Basic Principles of Tropical Building Design (3 lessons)
- Module 2: Energy Consumption (3 lessons)
- Module 3: Resource Management (2 lessons)
- Module 4: Outdoor Thermal Environment (1 lesson)
- Module 5: Singapore's Approach to Green Buildings (1 lesson)

Teachers may use any part of the ten-lesson presentation package, either to supplement their own curriculum or conduct dedicated sessions with their students.

A train-the-trainer session can be arranged for teachers who wish to have further assistance in delivering the material so that the content will be aligned with SGBC's goals for the GSI.

Resources

In addition to the slide package, teachers administering the GSI can make use of the following supplementary activities to bolster the programme:

- Green Building Video
- Learning Journeys
 - I. Temasek Polytechnic (TP)
 - II. Republic Polytechnic (RP)
 - III. Other buildings on request
- Student Projects
- Competitions and Contests

Contact

If you would like to know more about the GSI, kindly contact the following:

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