



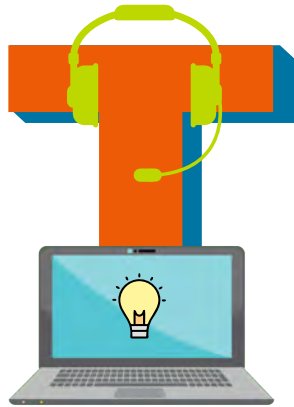
**GREEN MENTORS**

Powered by Law of Nature

present



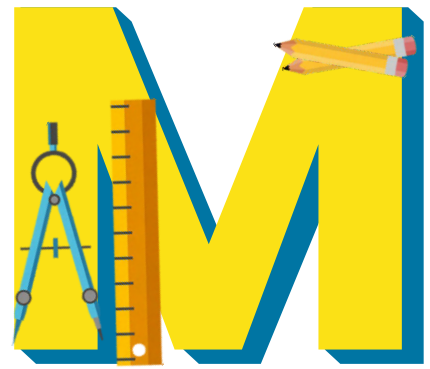
Science



Technology



Engineering



Mathematics

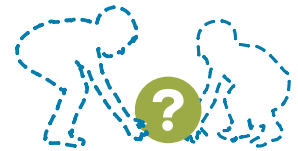
## Activities to Keep Students Engaged in this Testing time



**LOCAL TO  
GLOBAL CONTEXT**



**LEARNER-CENTERED**



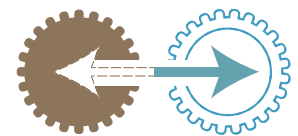
**INQUIRY-BASED**



**DESIGN  
THINKING**



**COMMUNITY AS  
CLASSROOM**



**INTERDISCIPLINARY  
APPROACH**

As we are heading into more intense situation with the COVID-19 pandemic. Students have started losing their interest in online education.

Now we will have to find unique ways to keep student engaged during virtual classes or hybrid learning.

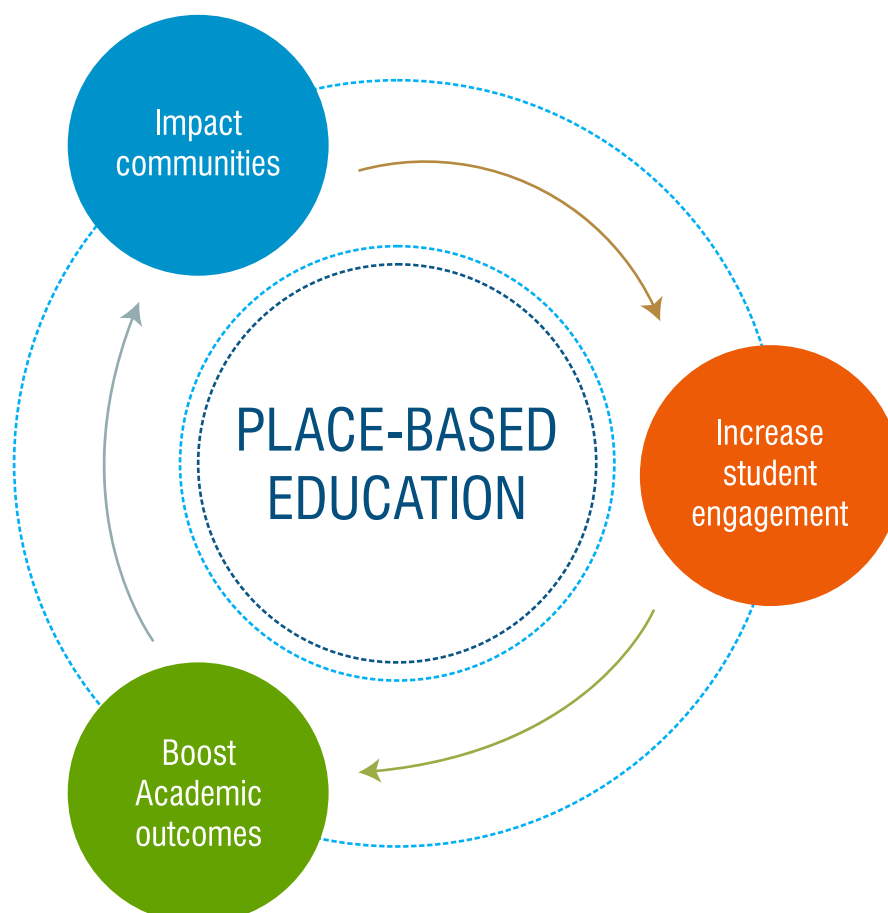
We need to lineup some engaging activities students can do safely in their homes, yards, and neighbourhoods.

Hands-on opportunities will provide a welcome break from looking at a screen and reinforce that learning activities are all around us—including out in nature.

Keeping this in mind, Green Mentors invite Schools to offer following STEM Activities intending to engage students in more exciting, Scientific and innovative ways in this Testing time.

## PLACE-BASED LEARNING ELEMENTS

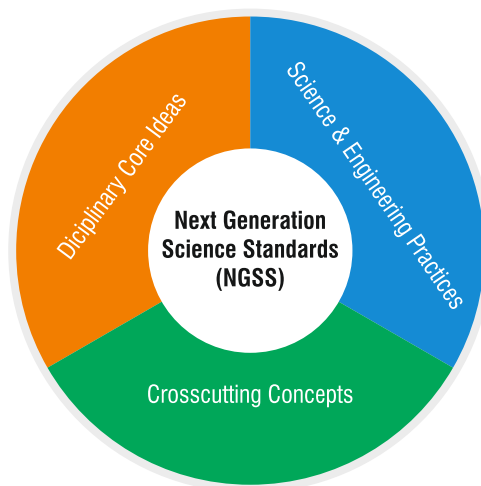
Place-based learning is an educational approach that uses all aspects of the local environment, including local cultural, historical, and social situations and build environment as the integrating context for learning.



## THREE-DIMENSIONAL LEARNING ELEMENTS

Effective STEM learning requires moving beyond just hands-on, inquiry-based activities to integrating different dimensions of learning into a comprehensive experience.

There are three dimensions outlined in the Next Generation Science Standards (NGSS): focusing on disciplinary core ideas, developing science and engineering practices, and unifying or cross-cutting concepts.



## PROJECT-BASED LEARNING ELEMENTS

The best practices of this instructional approach enable learners to master academic skills and gain content knowledge while developing 21st century skills.

The Greening STEM model uses a project-based approach that puts learners together in teams to explore a problem in depth, which helps them develop leadership, collaboration, and problem-solving skills.



## COMMUNITY-BASED LEARNING ELEMENTS

These elements bring cultural relevance and issues of equity and justice into the Greening STEM model. Learners are challenged to differentiate between environmental problems in need of solutions and environmental issues.

Learners gain understanding concerning the nature of environmental issues—that people disagree about their resolution, and those disagreements are based on differing beliefs and values related to the issues.



### GREEN MENTORS

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Special Consultative Status with the  
Economic and Social Council of  
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