STEM Summer Program

**An intensive one-week program for bright students in grades 8-12 or O/A levels**

**In partnership with**

HSSSRP – High School Summer Science Research Program, <http://www.hsssrp.org>

TAKMIL – Takmil - Teach A Kid Make Individual Life, <https://takmil.org>

And

HEC - Higher Education Commission of Pakistan, <http://www.hec.gov.pk>

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The following sites may assist you in planning lessons or developing student activities:

Lemelson-MIT Program

<http://lemelson.mit.edu/search-resources/817>

The Lemelson-MIT Program celebrates those inventors who have turned their ideas into accomplishments.

Lemelson Center for the Study of Invention and Innovation

<http://invention.si.edu/home/>

The Lemelson Center is dedicated to exploring invention in history and encouraging inventive creativity in young people.

Engineering challenges from the Baltimore Museum of Industry:

<http://www.thebmi.org/visit/maryland-engineering-challenges/>

The museum runs challenges during the school year. While the students cannot participate in the museum’s challenge, they post all of their instructions online.

United States Patent and Trademark Office

<http://www.uspto.gov/go/kids/>

In addition to answering questions about the patent process, you will find: a calendar of famous and not-so-famous patents and trademarks; history, stories, and trivia; games, puzzles, and contests; and the ability to search for real patents.

InventNow

<http://inventnow.org/>

There are two features worth reviewing: The Inventions Challenge (click on the Invent Now link) and the Gallery. The Invention Challenge has ideas for brainstorming session. The Gallery lets kids submit their incredible new ideas for viewing by other. It could be a source of inspiration for students in your class, who cannot think of an idea for the Invention Convention. You might also have your students submit their