

SciTech Schedule Hamilton 2011-2012

Dates	Topic	Description
Oct. 11, 13, 18, 20, 25, 27	Forensic Detectives	Find out the science behind solving crimes and set up your own crime scene for other forensic scientists to solve.
Nov. 1, 3, 8, 10, 15, 17	Weather	How do we test weather? Create your own weather station.
Nov. 29 Dec. 1, 6, 8, 13, 15	Natural Disasters	How would you plan for a Natural Disaster like a flood, tornado, or earthquake? The science behind engineering in preparation for a disaster.
Jan. 17, 19, 24, 26, 31 Feb. 2	Circuits and PICO crickets	Where did all this light come from? Learn the path of electricity to make our light bulbs glow! Students will also be using laptops and the program PICOcrickets to build their own robots using curcuits and electricity.
Feb. 2, 7, 9, 14, 16, 23, 28	Tech Challenge	Students will be designing and building a device to rescue survivors of an earthquake stranded on a bridge. Competition to be held at RHFleet on March 24, 2012.
Mar. 1, 6, 8, 13, 15, 20, 22, 27, 29	Tech Challenge	Students will be designing and building a device to rescue survivors of an earthquake stranded on a bridge. Competition to be held at RHFleet on March 24, 2012.
May 1, 3, 8, 10, 15, 17	Solar Houses	Learn about renewable forms of energy, especially solar power. How can we save electricity, money, and the planet?
May 22, 24, 29, 31 June 5, 7	Habitats	What lives around us? Investigate we have impacted our environment and the environments of other living creatures in our communities.
June 12, 14, 21, 26, 28	Create a Game	Create a game using your knowledge of curcuits and electricity!