Middletown Township Public Schools Volume XVII Grade 7

Science

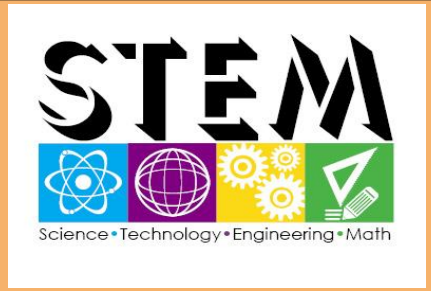
Little Bits and The Invention Cycle

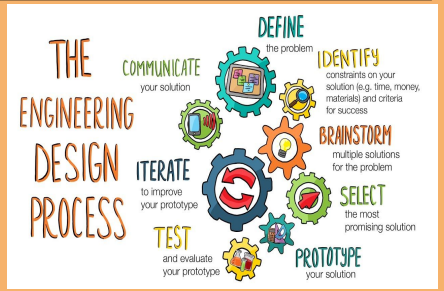
Students use Little Bits electronic and magnetic circuits to design an innovative invention. The design must spin in circles, go forward and reverse, or throw a ball. After testing their device, students redesign to improve their results.

Little Bits and the Invention Cycle

Design challenges, connected to the NJSLS are available for your classes. Please contact your school's STEM Specialist.

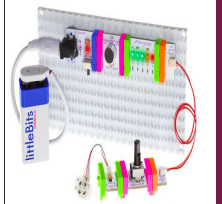
Step Into





Little Bits Hit the Maker Space!

The middle schools have a designated Maker Space set up with Little Bits pieces. Students visit during their lunch time to tinker and create innovative designs.

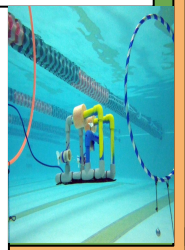


Family Engineering Night

As a part of ongoing efforts in community engagement, the middle schools all participated in their own Family Engineering Nights. Students and family members participated in three different engineering design challenges.

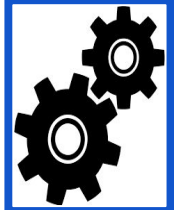
STEM Club Has Begun!

STEM Clubs are up and running in all three middle schools. Students are preparing to participate in the SeaPerch competition at Rowan University again this year, on March 24th. Wish your STEM teams good luck!



Engineering Resources Spotlight

Turn Lesson Plans into Games
Classcraft Quest
Performing Arts Boost STEM
Arts and STEM Connection
New Updates for STEMscopes
STEMscopes New Updates



Mathematics

Big Ideas & STEM

Big Ideas is being piloted in each grade and it offers STEM videos to introduce each new topic. The STEM Specialists and Math Coaches have been meeting to develop STEM lessons that are aligned to the Big Ideas program. A bank of lessons is being developed.
Big Ideas and STEM Challenges

Middle School STEM Specialists

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