

Science

Mapping the Solar System

Students use Google Maps to model the distance between planets in the Solar System. Using different scales, students are able to visualize the varying distance between the planets using maps that they are familiar with.



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



Middletown Township Public Schools Volume XVIII Grade 6

Step Into

STEM



Science • Technology • Engineering • Math

STEM Club

With only 2 months left until the SeaPerch Competition at Rowan University, our teams at all 3 middle schools are hard at work completing their underwater rovers. The competition date is Saturday, March 24, 2018.



Makers Day is March 10th!

The 4th annual New Jersey Makers Day is Saturday, March 10, 2018. Our own Middletown Public Library will be hosting events throughout the day. See the library's website for the schedule of events.

<http://www.mtpl.org>



LEGO WeDo 2.0

We are excited to be working with the new LEGO wedo 2.0 kits. Students will be using them to make connections between the virtual world and real world by using the LEGO sensors and writing their own code using Scratch.



Engineering Resources Spotlight

<https://www.edutopia.org/article/STEM-resources-downloads>

<https://www.stemfinity.com/Free-STEM-Education-Resources>

<https://www.exploratorium.edu/>



Mathematics

Gears

Students work as mechanical engineers and use gears to experiment with ratios. They use sample gears to describe how engineers use different gear ratios to accomplish specific design problems.



Middle School STEM Specialists

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