

Science

Human Impact

Students have been hard at work on their end of year projects! After researching global environmental problems caused by human impact, they chose one environmental problem and are designing, building, and testing a device to help eliminate that problem.

This and other design challenges, connected to the NJSLs and NGSS, are available for your classes. Please contact your school's STEM Specialist.



Step Into

STEM



Science • Technology • Engineering • Math



id Tech Camps and Academies

Day and overnight STEM camps are available this summer for middle school students. Summer courses available to students include coding, game design, robotics and 3D modeling/printing

<https://www.idtech.com/>

STEM Survey

The STEM Specialists have developed a survey for Math and Science teachers to gather valuable input to the current program. Please try to take a few minutes to complete the survey so we can better implement STEM at the middle school level.



Year End/ Beginning of the Year Team Building Ideas

The following links provide team building challenges with minimal supplies and preparation:

Pom Pom Cannon-

<http://starfisheducation.com/the-brown-bag-stem-challenge-pom-pom-cannon/>

Building Windmills-

<http://starfisheducation.com/the-brown-bag-stem-challenge-building-windmills/>

Lunar Landers-

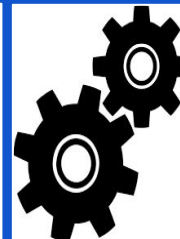
<http://starfisheducation.com/the-brown-bag-stem-challenge-lunar-landers/>

Engineering Resources Spotlight

[Six Characteristics of a Great STEM Lesson](#)

[STEM Lessons from Space](#)

[19 Math STEM Activities for Middle School](#)



Mathematics

If Bones Could Talk

Google Expeditions are now available in all three middle schools and make a nice addition to this lesson on Linear Equations.

Students go on a forensic expedition regarding the discovery of King Richard III's remains. Can the length of a bone predict a person's height? Students **collect real data to find out!**

Middle School STEM Specialists

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