Sensational things are happening in Regional School District #10 to excite and inspire students with STEM! What is STEM you may ask? STEM education is an interdisciplinary approach to learning where rigorous academic concepts are coupled with real world lessons. Students apply **S**cience, **T**echnology, **E**ngineering, and **M**athematics in contexts that make connections between school, community, work, and the global enterprise.

In Region 10 this means:

* Engaging, fun, and hands on science for all learners
* Engineering Design Process embedded in our classes
* A passion to further investigate STEM concepts
* Real world application with combined disciplines
* Problem based learning for students
* Increased interest in STEM careers and advanced learning

How will we accomplish this you may wonder? Well, the great news is that outstanding teachers, curriculum and resources for STEM learning already exist in RSD 10. With the recent budget approval we have begun plans to augment our existing curriculum and resources to offer advanced, rigorous, science opportunities for all of our students in grades K-12. Some exciting opportunities you can look forward to are:

* Maker-Spaces in all the library media centers for students to engage in making, tinkering and exploring hands on learning with Math, Science and Technology.
* Improved devices and equipment in all schools including 3D printers and CNC machines in our high school.
* Computer Literacy (keyboarding, programing, coding) now offered for all students with advanced course options to come for older learners.
* Improved Robotics and STEM clubs
* Outdoor gardens at each elementary school to offer hands-on learning experiences for our youngest scientists
* No longer offering “advanced science” for only a small number of middle school students, rather provide full integration of project-based learning, engineering and Next Generation Science Standards for all students in grades 5-8.
* Added electives at Lewis Mills High School including Forensics and Engineering Design Concepts- with more to come!
* Region 10 will be the only school in the Northeast engaging in a StratoStar weather-balloon project ([www.stratostar.net)](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.stratostar.net-29&d=BQMFaQ&c=wluqKIiwffOpZ6k5sqMWMBOn0vyYnlulRJmmvOXCFpM&r=ldc4e-puDhL1bPYHu5C0qkAYwupW6X4uev6eQzw7MAc&m=47_BgDrK4pqMj1QE79naCf53F25f6tpipgaCdk_tLMY&s=_OF0BU7xadugi7ZNYB_YQjXGgdCXVCgBQh65bQrs1kU&e=).  This will provide a rich hands-on learning experience for all students.  Look for a community launch in the spring of 2017!
* Improved math curriculum and new resources for all students in grades K-8

The list could go on and on! Our commitment to high quality and engaging STEM opportunities for all students is strong! We look forward to inspiring STEM leaders of the future and helping every student achieve their full potential. We are thrilled to offer this high level of STEM for all students in Region 10.