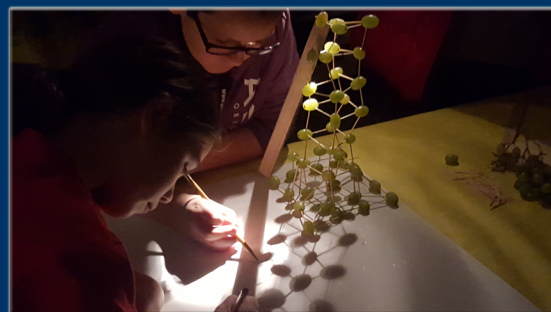


In the Colonial School District, every subject is a **STEAM** subject.

What is STEAM?

STEAM stands for "Science, Technology, Engineering, Art and Mathematics," but the goal of STEAM in Colonial goes well beyond those five subjects. Through the District's "STEAM culture," teachers from all grade levels and content areas inspire students to use specific skills and processes to explore what they learn more deeply, solve problems in innovative ways and create new things.



The Four Cs: Communication, Collaboration, Creativity, Critical Thinking

Formerly known as "21st Century Skills," The Four Cs help students be more engaged in their lessons, learn to work together more effectively and tackle challenges in ways that reflect the modern workplace.

Making Connections:

Interdisciplinary lessons include more than one content area and show how different subjects are related. **Scan the QR code below to watch a fifth grade social studies lesson about Inventors and Innovations!**



Real-world connections mean students see how what they learn is useful and can translate into a career. **Scan the QR code below to watch a video about Plymouth Whitemarsh High School engineers helping an elementary school.**



Through lessons that show connections to different subject areas and that encourage students to solve real world problems, teachers in Colonial prepare students for **transdisciplinary thinking**, where they draw inspiration from different subject areas and a variety of sources to create innovative solutions.

Project-based Learning:

In Project-based Learning (PBL), students apply what they learn and explore material more in depth by taking on challenges and solving problems over an extended period of time. PBL is often where the interdisciplinary and real world connections are made. **Scan the QR code to watch a video where Spanish students propose new development in the Dominican Republic.**



For more information, visit www.colonialsd.org/STEAM.

Inspire
STEAM in COLONIAL

