

Curriculum at a Glance
Technology, Engineering, STEM, Business and Computer

7th Grade Stem

Description: In seventh grade the focus is on design and creation of projects that center around creative thinking and problem-solving.

Unit Name/Description	Content and/or Skills
Intro. Activity	Introduction To STEM Engineering Principles: Introduction of Design Thinking: Problem Solving: Communications;
Gamification	Students design and build a game. Students will develop: <ul style="list-style-type: none"> Collaborative Learning Skills- Discussion and agreement upon a solution. Design Process- Provide a sketch of a possible solution. Evaluative Concepts- Students will review and evaluate games other students have built. The students will set up and maintain an engineering journal.
Structure	Students will design and build a basic structure Students will develop: <ul style="list-style-type: none"> Mutual design process. Build and keep a number of sections in order. Sequence the building process. Students will record progress in their journal.

