

6th Grade Science Curriculum Map - Earth Science,

Unit E Chpt. 1 Atoms, Elements, & Compounds Chpt. 2 Matter - Properties & Changes	STEM Fuel Cell Cars	Unit D Chpt. 1 Movement of the Earth's Crust
Unit B Chpt. 3 Invertebrates Chpt. 4 Vertebrates	*Alliant Energy Program	

7-8 Science

Year 1-Project Lead the Way:

Intro to Engineering-What is Engineering?, The Design Process

Design and Modeling-Measurement, Sketching and Dimensioning, Designing for Production (using AutoDesk Inventor CAD software)

Automation and Robotics-What is Automation and Robotics?, Mechanical Systems (using VEX Robotics kits), Automated Systems (using VEX robotics kits and RobotC coding software)

Year 2-Biology, Medical Detectives Project Lead the Way unit

Book 1 (Life's Structure and Function)-Cells, Chemistry of Life, Cell Reproduction, Heredity

Book 2 (Human Body Systems)-Skeletal and Muscular Systems, Nutrition and Digestion, Circulation, Respiration and Excretion, Control and Coordination (sheep brain dissection)

Medical Detectives Project Lead the Way units used throughout the year-What is a Medical Detective?, Mysteries of the Human Body Systems, Murder Mystery

Frog Dissection Unit at the end of the year