

**GST BOCES Regional STEM Initiative
K-4 Scope and Sequence**

<u>GRADE</u>	<u>CONTENT</u>	<u>FOSS/EiE MODULE</u>
KINDERGARTEN	Physical Science	Materials in Our World
	Engineering	Designing a Paper Table
	Life Science	Animals Two by Two
1ST GRADE	Physical Science	Balance and Motion
	Engineering	Roller Coaster Design
	Earth Science	Pebbles, Sand, and Silt
	Engineering	Building a Wall
2ND GRADE	Earth Science	Air and Weather
	Life Science	Insects
	Physical Science	Solids and Liquids
	Engineering	Finding an Ideal Play Dough Formula
3RD GRADE	Scientific Reasoning	Measurement
	Engineering	Packaging Design
	Earth Science	Water
	Engineering	Using Water for Energy- Water Wheel
	Life Science	Structures of Life
	Engineering	Simple Machines- Potato Chip Factory
4TH GRADE	Physical Science	Magnetism and Electricity
	Engineering	Rocket Design
	Physical Science	Matter and Energy
	Earth Science	Sun, Moon, and Stars
	Engineering	Designing a Moon Lander