

Science Matrix

Disciplinary Core Ideas	Pre-K	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
Physical Science (PS)	Matter: Solids + Liquids Pushes + Pulls Sound	Forces and Interactions: Pushes + Pulls	Waves: Light + Sound	Structure and Properties of Matter	Forces + Interactions	Energy Waves + Information	Structure + Properties of Matter
Life Science (LS)	Survival of Plants + Animals Parents + Offspring: Similarities + Differences	Interdependent Relationships in Ecosystems: Animals, Plants, + Their Environment	Structure + Function	Interdependent Relationships in Ecosystems	Interdependent Relationships in Ecosystems Inheritance + Variation of Traits: Life Cycles and Traits	Structure + Function	Matter and Energy in Organisms + Ecosystems
Earth and Space Science (ESS)	Cycles: Sun, Moon, + Seasons Weather + Sun	Weather + Climate	Space Systems: Patterns + Cycles	Earth's Systems: Processes that Shape the Earth	Weather + Climate	Earth's Systems: Processes that Shape the Earth	Earth's Systems Space Systems: Stars + the Solar System
Engineering and Technology		Engineering Design and Technology skills are addressed in many of the above units. In addition, students receive technology instruction.					
Crosscutting Concepts Units		Specific Units Vary.					

Key
Science Lab FOSS
Classroom FOSS
Classroom Amplify
Materials created by teachers at the building level.