STEM Year-at-a-Glance



Primary

Kindergarten	
1 st Trimester	 Bridge building Engineering with Keva Planks Tower building Seasonal activities Critical thinking, listening, & observation skills Lego challenges Literature & engineering challenges
2 nd Trimester	 STEM scavenger hunt Building shelters Play-Doh Seasonal activities Critical thinking, listening, & observation skills Lego challenges Literature & engineering challenges
3 rd Trimester	 Offline coding Building shelters Play-Doh Seasonal activities Critical thinking, listening, & observation skills Lego challenges Literature & engineering challenges

First Grade	
	 Bridge building
	 Engineering with Keva Planks
	 Tower building
1 st Trimester	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Literature & engineering challenges
	 STEM scavenger hunt
	 Geoboard activities
	 Building shelters
2 nd Trimester	○ Play-Doh
2	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Literature & engineering challenges
	 Offline coding
	 Building shelters
3 rd Trimester	○ Play-Doh
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Literature & engineering challenges

	Second Grade
	 Bridge building
	 Engineering with Keva Planks
	 Tower building
1 st Trimester	 Simple machines
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Literature & engineering challenges
	 STEM scavenger hunt
	 Geoboard activities
	 Building shelters
2 nd Trimester	o Play-Doh
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Literature & engineering challenges
	 Offline coding
	 Building shelters
3 rd Trimester	o Play-Doh
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Literature & engineering challenges

Intermediate

Third Grade	
	 Bridge building
	 Engineering with Keva Planks
	 Tower building
1 st Trimester	 Simple machines
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 STEM scavenger hunt
	 Geoboard activities
	• Marble runs
2 nd Trimester	 Building shelters
	 ○ Play-Doh
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges
	 Sports challenges
	 Marble runs
3 rd Trimester	 Building shelters
	○ Play-Doh
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Lego challenges

Fourth Grade	
	 Bridge building
	 Engineering with Keva Planks
	 Tower building
1 st Trimester	 Simple machines
	 Marble runs
	 Building shelters
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 STEM scavenger hunt
	 Coding-online
2 nd Trimester	 Marble runs
	 Building shelters
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Biomedical engineering
	 Sports challenges
3 rd Trimester	 Marble runs
	 Building shelters
	 Seasonal activities
	 Critical thinking, listening, & observation skills

	Fifth Grade
	 Bridge building
	 Engineering with Keva Planks
1 st Trimester	 Tower building
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 STEM scavenger hunt
	 Tessellations
2 nd Trimester	o Coding-online
	o Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Biomedical engineering
	 Sports challenges
3 rd Trimester	 Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills

Middle School

Sixth Grade	
	• Bridge building
	 Engineering with Keva Planks
1 st Trimester	 Tower building
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 STEM scavenger hunt
	 Tessellations
2 nd Trimester	o Coding-online
	 Marble runs
	 Seasonal activities

	 Critical thinking, listening, & observation skills
	 Friction challenges
	 Biomedical engineering
3 rd Trimester	 Sports challenges
	o Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills

Seventh Grade	
	 Bridge building
	 Engineering with Keva Planks
1 st Trimester	 Tower building
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 STEM scavenger hunt
	 Tessellations
2 nd Trimester	o Coding-online
	 Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Friction challenges
	 Biomedical engineering
3 rd Trimester	 Sports challenges
	 Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills

Eighth Grade	
	 Bridge building
	 Engineering with Keva Planks
1 st Trimester	 Tower building
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 STEM scavenger hunt
	 Tessellations
2 nd Trimester	o Coding-online
	 Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills
	 Friction challenges
	 Biomedical engineering
3 rd Trimester	 Sports challenges
	 Marble runs
	 Seasonal activities
	 Critical thinking, listening, & observation skills