

## 5th Grade

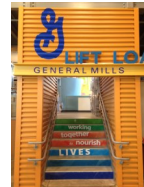
### Curiosity Starters



#### General Mills Lift, Load, and Haul: Gravity

##### Curiosity Starters

1. Put a scarf or ball into the wind tubes. What happens? What changes when you turn the knobs?
2. Have 2 students use the pulleys to pull themselves up. Record and compare the two pulleys and the students' experiences.
3. Build a track on the magnet wall that uses the force of gravity.
4. Floating Objects: What happens when you put an object in the airstream? What happens if you try to knock it out of the airstream?



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#### Energizer Weather & Nature: Weathering and Erosion

##### Curiosity Starters

1. Use the Topographic Sandbox to make a landform that has water around it.
2. Record and compare the movement in Intrusion and Aeolian Landscape.
3. Take pictures of exhibits of weather events that could impact the cave.
4. Cabin: Imagine the cabin during all four seasons.



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Scott Family Amazeum Unfield Trips made possible by a grant from the Walmart Foundation.

### General Mills Lift, Load, and Haul: Gravity

#### Tips

1. The scarf or ball flies in the air, but then gravity takes it to the ground. The knobs change the tube that the objects fly through.
2. The pulleys have different numbers of loops. The orange ones have more loops than the yellow ones.
3. The students will need to test and rebuild.
4. Floating Objects: The objects will float in the airstream. The objects will try to stay in the airstream until they are forced out of it.



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### Energizer Weather & Nature: Weathering and Erosion

#### Tips

1. Use your hands to shape the sand and then hold your hand above the sand to create rain.
2. Intrusion: air is moving the sand from below.  
Aeolian: air is moving the sand from above.
3. The Aeolian landscape, Erosion table, Intrusion, and Plate Tectonics could impact the cave.
4. Answers will vary. What happens to the apple trees in every season?



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## The Market sponsored by Walmart

### Curiosity Starters

1. You're tired, but it's not a time when you can sleep. What foods could you eat to give you energy?
2. Make a snack that you have never tried using the ChooseMyPlate mat.
3. Find foods that help you build strong bones.



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## The Market sponsored by Walmart

### Tips

1. Apples, orange juice, bananas, whole grain bread, fish, pineapples and other foods can help you **stay energized**.
2. Ask an Amazium team member in the Market to get the ChooseMyPlate mat.
3. Foods that are high in **calcium** such as milk, cheese, seafood, oranges and orange juice help you build strong bones.

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