

4th Grade Curiosity Starters



Nickelodeon PlayLab: Energy Transfer

Curiosity Starters

1. Find a place that your hand can change the light, sound, and/or color of an exhibit.
2. Can your group connect all the circuits on the "N" or the music tower? Record what happens!
3. Balance a ball on the air tubes. Can you get another ball to change the motion of the floating ball?



4th Grade

Energizer Weather & Nature: Weathering and Erosion

Curiosity Starters

1. Find an exhibit where wind changes the Earth.
2. How is the sand changing in the Aeolian Landscape? Where do you see the most changes?
3. Outside Erosion Table: Can you shape the rocks to keep them from eroding?
4. Find examples in other exhibit areas where water or wind change their surroundings.



4th Grade

Scott Family AMAZEUM UNFIELD TRIPS

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

Nickelodeon PlayLab: Energy Transfer

Tips

1. Touch/play with the music tower, the "N", or the air tubes.
2. Use this code (also on the "N") to connect all the circuits on the "N". You will need around 11 people. Ask an Amazeum team member if you need help.
3. After balancing a ball in a stream of air, send another ball through the tube. They will collide and change each other's motion.



4th Grade

Energizer Weather & Nature: Weathering and Erosion

Tips

1. The Aeolian Landscape has wind that moves sand.
2. The sand is being moved by the air from the fan. Look at the outside edges in the exhibit to see rapid changes in the sand.
3. The water is eroding or moving the rocks from one place to another. The rocks are too big to completely stop the water.
4. Water: Water Amazements, stream outside, water in the Art Studio. Wind: air tubes, Floating Objects, air cannon.



4th Grade

The Market sponsored by Walmart



Curiosity Starters

1. Find foods that can help your body fight colds.
2. Imagine that you just got finished playing outside and your muscles are getting sore. What foods could you eat to relieve your thirst and achy muscles?
3. Imagine that you are making dinner. Plan a meal for your group using the ChooseMyPlate mat.



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Tips

1. Foods high in **Vitamin C** such as oranges, orange juice, bell peppers, strawberries, pineapples, cantaloupe help **repair** the body and build up its immune system.
2. Foods high in **potassium** and **water** such as bananas, salmon, cucumbers, cantaloupe, pineapples, and lettuce help muscles **recover** after activity and prevent cramps.
3. Answers will vary. Why did you choose these foods?

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