



What is Friction?



STREAM activities encourage a curious, critical thinking mind!

Materials Needed:

- ✓ Plastic Container
- ✓ Toy Car
- ✓ Salt

Directions: Pour water into a 6 x 9 rectangular plastic dish to a level of about 2 inches. Place in freezer until frozen. Remove the ice block and place in a tray on the table. Create an inclined plane by placing an object under one end of the block of ice to raise it to a height that a toy car can easily slide down. Sprinkle salt on the inclined plane and place the toy car on the ice block at the top again. Add more salt if the car slides down.

Questions to Learn:

Does the car slide down faster before or after the salt was added? Why?

What chemical action occurs with the addition of salt?

How does the ice look, smell and feel before and after adding salt?

