

# SCIENCE FAIR PROJECT TOPICS

**Directions:** Please read the testable questions (topics) below to make your 3 topic selections. Your topic selections *must* be from this list.

- Does the shape of an object affect how it moves through water?
- How does the type of surface affect the distance a toy car travels when pushed?
- What is the effect of different liquids on the rate of ice cube melting?
- Does the temperature of water affect how quickly it evaporates?
- How does the amount of air in a balloon affect how long it stays inflated?
- Which materials are the best insulators for keeping drinks cold in a lunchbox?
- Does the angle of a ramp affect how far a ball rolls?
- How does the size of a parachute affect the time it takes to fall to the ground?
- Which type of paper (newspaper, construction paper, printer paper) can hold the most weight before tearing?
- What is the effect of different types of music on a person's heart rate?
- How does the amount of baking powder affect the height of a muffin's rise?
- What type of material (wood, metal, plastic) is the best conductor of heat?
- Does the shape of an object affect how it casts a shadow under different light sources?
- How does the amount of air pressure in a soccer ball affect how high it bounces?
- How does the size of a paper airplane's wings affect how far it flies?
- What is the effect of different types of liquids on the rusting of metal nails?
- Does the shape of a paper boat affect how well it floats and moves in water?
- How does the type of ball (soccer ball, basketball, tennis ball) affect how high it bounces on different surfaces?
- Does the shape of an ice cube affect how quickly it melts in different temperatures?
- How does the shape of a kite affect its stability and flight in the wind?
- Does the size of a rubber band affect how far it stretches when pulled?

- How does the type of surface affect the distance a toy car travels when pulled by a rubber band?
- What is the effect of different brands of paper towels on their absorbency?
- Does the size of a parachute's strings affect how it falls to the ground?
- How does the type of material (cotton, wool, nylon) affect the warmth of a winter glove?
- Does the size of a magnet affect its ability to attract different objects?
- How does the temperature of water affect the dissolving rate of sugar?
- What is the effect of different types of paper (e.g., newspaper, tissue paper, cardboard) on the flight distance of a paper airplane?
- Does the shape of a balloon affect how long it can stay inflated?
- How does the amount of sugar in a soda affect the height of a soda geyser eruption when Mentos candies are added?
- What is the effect of different colors on the melting rate of ice cubes in direct sunlight?
- Does the brand of battery affect how long a flashlight stays lit?
- What is the effect of different liquids (e.g., water, vinegar, lemon juice) on the brightness of a copper penny cleaned with them?
- How does the type of surface (e.g., grass, pavement, sand) affect the distance a soccer ball rolls after being kicked with the same force?
- Does the size of a rubber ball affect how high it bounces when dropped from the same height?
- What is the effect of different types of music on people's ability to concentrate on a task?
- How does the amount of air inside a basketball affect its bounce height?
- How does the type of liquid (e.g., water, oil, syrup) affect the way food coloring spreads and mixes in a container?
- How does the type of material (e.g., cotton, polyester, silk) affect the rate of evaporation when the same amount of liquid is spilled on it?