

Ideas for science investigations

If you are stuck for an idea you could try and answer one of the following questions:

- How do you make an egg float?
- Under what conditions does chocolate melt?
- What happens when you mix oil and water?
- Does an orange float or sink?
- Which paper towel brand is the strongest?
- Which material is the best to keep an ice cube from melting?
- Does temperature of a tennis ball affect the height of its bounce?
- Can the food we eat affect our heart rate?
- Which material is the best to keep you dry?
- Which liquid is the best for cleaning coins?
- What is the best way to keep cut flowers fresh the longest?
- Does the colour of light used on plants affect how well they grow?
- What type of food makes mould to grow the fastest?
- How does exercise affect your heart rate?
- Can plants grow in pots if they are sideways or upside down?
- Does the colour of hair affect how much static electricity it can carry? (test with balloons)
- How much weight can the surface tension of water hold?
- How much water does a plant need to survive?
- What happens if you add food colouring to the water of cut flowers?
- Does the colour of birdseed affect how much birds will eat it?
- Can people tell artificial smells from real ones?
- Which shape paper aeroplane will travel the furthest?
- What conditions are best for moss to grow?
- Which materials are the best conductors of electricity?
- On which surface will a toy car travel the furthest distance?
- Which type of fruit is more acidic: lemons, oranges, or watermelon?
- What is the effect of salt on the boiling temperature of water?
- How do crystals or geodes form?
- How much does it rain in a week?
- How does the time of day affect the length of a shadow?