

Skittles rainbow science experiment

This colorful science experiment is as easy as 1-2-3 and will keep them amused for as long as you can spare more Skittles. This experiment shows that water molecules are more active in warm water than in cold water and as they come in contact with the sugar in the skittles they cause it to dissolve faster.



You will need

- 1 pkt Skittles
- $\frac{1}{4}$ cup cold water
- $\frac{1}{4}$ cup warm water
- 2 white plates

Activity

- Arrange the Skittles in a single row colored pattern around the edge of the plate of each plate.
- Pour over enough cold water to cover all the Skittles and the plate itself on the first plate.
- Pour over enough warm water to cover all the Skittles and the plate itself on the second plate.
- Watch and wait as a rainbow appears on the second plate, the colors will move towards the middle and create a whirl of color. Did anything happen in the first plate? Why?