

Thursday 14th March 2019

Science Week

What happens to skittles in hot and cold water?

Hypothesis

The Skittle's colour will run more in hot water because the heat will ~~make up~~ break the ~~covalent~~ bonds and the colour will appear in the water

Variables: Water Temperature

Method

1. Place skittles around the plate
2. Pour cold water on until plate is full.
3. Repeat with hot water.

Evaluation

The hot water creates Kinetic Energy to break the bonds quicker.

Results

Cold Water

Hot Water

- Colour runs slower (less kinetic energy) • Colour runs faster (more kinetic energy)
- Less Vibrant (clear) Stays • More vibrant (clear) changes
- Same.

TB

The colour faded in the hot water because hot water gives it kinetic energy, breaking the bonds.

My hypothesis is was Proven.