

Extreme Water Investigation

How does temperature affect the speed of molecules?

Try this investigation to find out!

Step 1 – Gather Your Materials

- Cup of Hot Water
- Cup of Cold Water
- 2 Colors of Food Coloring Droppers



Step 2 – Put 2 drops of each color in the cold water cup and the hot water cup.



Step 3 – Observe the cups for at least 1 minute and answer the questions to share what you learned.

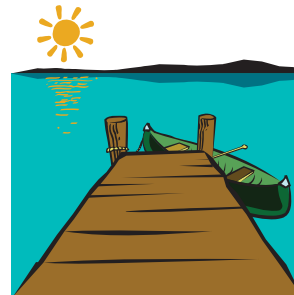
Cup A



Cup B



Which cup do you think has hot water?
Why do you think this?



How would liquid pollution in our lakes act differently when the water is cold and hot?

Name: _____

Team (circle one): Alfa Bravo Charlie Delta Echo Foxtrot Gamma

School: _____

Teacher: _____

Submit your club activity! Tri-fold your paper  , tape it shut, write your name and address on the back and mail it! Don't forget the stamp!