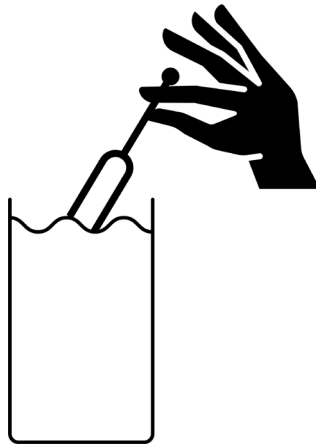


Handout - Tuning Fork and Water Activity

Instructions:

1. The tuning fork has two prongs on one side and a single prong on the other. Hold it by the single prong, and strike the tuning fork against a firm but not too hard surface (a paperback book or your knee, for example) 2-3 times to get the tuning fork vibrating.
2. While it's vibrating, place the two prongs into the bowl of water, while still holding on to the tuning fork.
3. Quickly observe the water. The effects of the tuning fork in the water last for a very short time - pay close attention and repeat the experiment as often as necessary.



Questions:

1. What do you observe about the water immediately after placing the tuning fork into it?

2. If you had a slow motion camera focused on the water, what might you see?
