

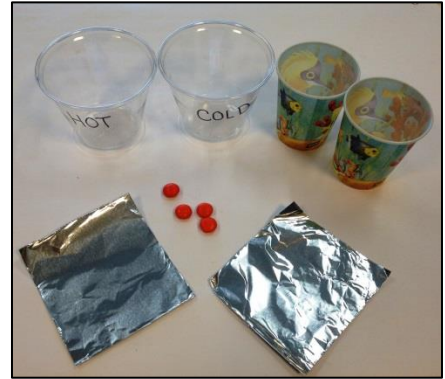
DISSOLVING VS. MELTING



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Materials:

- Four candy coated chocolate candies (all the same color)
- Two 9 oz. plastic cups
- Two 3 oz. paper cups
- Two 4 sq. inch pieces of aluminum foil
- a timer
- a pencil
- hot water
- cold water
- containers to hold the hot and cold water such as mugs



Preparation:

1. Place one square of foil under one of the 3 oz. paper cups.
2. Place the foil and cup into the second 3 oz. cup.
3. Repeat with the second square of foil until you have two foil boats.



Procedure:

1. Label the 9 oz. cups (one HOT and one COLD)
2. Fill each cup with their respective temperatures of water to the faint line about an inch from the top of the cup.
3. Place a candy in each foil boat.
4. Put one boat in each of the cups of water.
5. Drop a candy into each of the cups of water.
6. Record your observations of all four candies for 3 minutes.
7. Do not disturb the candies during your observations.



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8. At the end of the 3 minutes, remove the foil boats containing the candies.
9. Using the eraser end of a pencil or your finger, gently press on each candy.
10. Record your observations.



11. To remove the candies in the water, carefully pour the water back into the container that you used to collect it.
12. Press each of the candies.
13. Record your observations.

