## Iodine 2: An Indicator for Starch Name

Do this after you do a lab about using Iodine to show the presence of starch.

## Background:

- 1) Iodine Stains. Iodine is Poisonous.
- 2) Use and Clean up with care.

3) Iodine \_\_\_\_\_\_ in the presence of starch.

Many foods have starch. Our body must change starch to sugar before it can be used by our cells for energy. Starch in edible fruit may turn to sugar as the fruit matures.

4) Starch is used to make paper feel thicker. "Starchy" paper would be best if it (did/didn't) \_\_\_\_\_ get wet. Starch is used in some packing "peanuts" that are best for packing (wet/dry?) \_\_\_\_\_ materials.

## The Lab:

- 1. Use a glass or plastic plate or dish.
- 2. Place samples the substances to be tested around the edge, like clock numbers
- 3. Write **substance** names and **your prediction** as to the presence of starch.
- 3. Add Iodine solution to the center.
- 4. Use a toothpick or other safe method to move the Iodine to each substance.
- 5. Write your observations and conclusion about each.
- 6. Have checked before you clean up!

#	Substance	Prediction: Starch? Yes or No?	Observations	Starch? Yes, No or ?