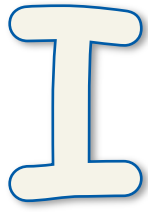


**Use Iodine and COLOR CHANGE to TEST FOR STARCH in substances.**

**!! SAFETY ALERT: IODINE STAINS and is POISONOUS!**

- \_\_a) Use a dry dish, pan or plate.
- \_\_b) Place LESS THAN a cubic centimeter (cm)  of each substance, **like numbers on a clock, around the of the dish or pan.**



- Use
- \_1) cornstarch,
  - \_2) salt,
  - \_3) sugar,
  - \_4) paper towel,
  - \_5) thin paper,
  - \_6) thicker paper
  - \_7) Styrofoam,
  - \_8) soluble packing peanut
  - \_9) cracker or oatmeal
  - \_10) ?? \_\_\_\_\_

- \_\_c) For the center, ASK for enough iodine solution to make a puddle about the size of a penny.
- \_\_d) **Keep substances separate** as you use a toothpick to move a little iodine to each substance, ONE AT A TIME. Ask for more if you need it.
- \_\_e) OBSERVE and RECORD resulting color for EACH substance.
- \_\_f) Always clean up **according to directions**. IF NOT SURE, ASK.
- \_\_g) **IODINE is to be rinsed down the CLEANUP SINK or put in wastebasket.**
- \_\_h) **Your table should be rinsed & cleaned.**



Substance	Resulting Color	Physical or Chemical Change?
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

- \_\_i) From my data, IODINE turns \_\_\_\_\_ in STARCH.
- \_\_j) From my data, (list) \_\_\_\_\_ and \_\_\_\_\_ contain starch.

Clean up!    Have Checked: