

Name _____

Digestion of Carbohydrates



Goggles & Aprons On!

Chemicals can irritate skin.

Use care around the hot water bath.

Lugol's Solution makes a permanent stain.

Background Information: Starches begin digesting when they are in your mouth. The saliva (spit) in your mouth has a digestive enzyme called **amylase**.

Materials:

Cracker

Hot Water Bath

Benedict's Solution

Test Tube Clamps

Test Tubes

Lugol's Solution

Procedure:

1. Put a small piece of cracker in your mouth. Do not chew it. What do you taste? Record your observations. Let it dissolve in your saliva. Now what do you taste? Record your observations. What do you think happened? Why?

2. Design an investigation to test the ideas you generated in step 1.
 1. Have your teacher check your procedure before you begin.

Teacher Initials:

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____
- h. _____
- i. _____
- j. _____

3. Make a data table to record the data from your investigation.

--

