

Name: _____

Digestion Time

Purpose: To investigate how protein & starch digestion work.

Hypothesis: I believe test tube with _____ will break down the egg the most. I believe that oil digestion will be the _____ than egg. I believe that starchy foods come from _____.

Procedure:

Protein

Starch

Observations:

Protein Test	Test Tube			
	A	B	C	D
Egg				
Oil				

Starch Test & Fat Test

Food	Colour Observed with Iodine	Starch Present (Y/N)	Effect on Paper Bag	Fat Present (Y/N)

Conclusion: My hypothesis was _____. Egg was digested when there was _____ present. Oil _____ digest with these chemicals. Starchy foods come from _____.

Discussion Questions:

Starch Digestion

- 1) What is a positive test for starch? _____
- 2) Where does starch digestion start? _____
- 3) Would chips test positive for starch? _____
- 4) What do carbohydrates and starches provide to your body?

Protein Digestion

- 5) Were both egg and oil digested? _____
- 6) In which tube did digestion occur? _____
- 7) What substances are needed for protein digestion? _____

General Digestion

- 8) Where do you expect toast to start being digested? Why?

- 9) Where would you expect a piece of steak to start being digested? Why?

