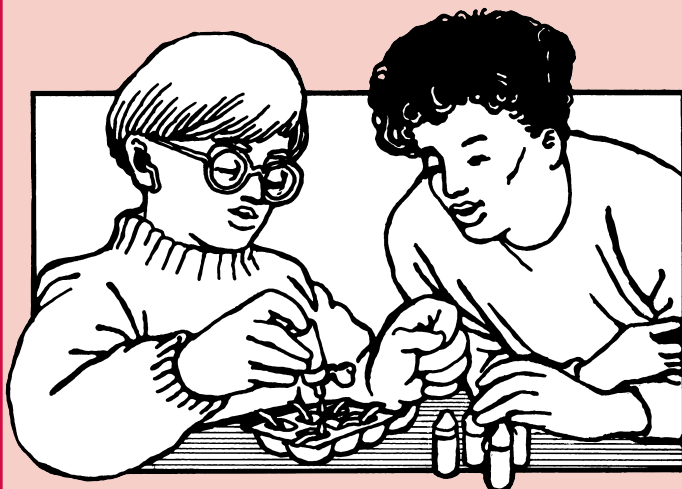


Student Instructions for Testing Liquids for Glucose

1. Answer pre-lab questions 1 and 2 on **Record Sheet 6-A**.
2. With the forceps, place one glucose test paper in each of the five numbered sections in the test tray. Tape one test paper on the top of the table on **Record Sheet 6-A** to use as the control.
3. Then answer pre-lab question 3 on **Record Sheet 6-A**.



4. Put two drops of the first liquid (water) directly on the test paper in section 1.
5. Wait a few seconds, and then observe the color of the paper. How does it compare to the control? Discuss this with your group and record your observation on the table on **Record Sheet 6-A**. Tape the test paper on your Record Sheet next to the word "Water."
6. Next, put two drops of the second liquid (cornstarch) directly on the test paper in section 2. Again, discuss observations with your teammates, and record them on your Record Sheet. Tape the test paper there, too, next to the word "Cornstarch."

7. Repeat this process with corn syrup, corn oil, and milk. Make sure the numbers on the dropper bottles match the numbers of your tray sections.
8. With your group, decide which liquid(s) tested positive (+) for glucose and which tested negative (-). Record your decisions on the table on your Record Sheet.
9. Complete the two post-lab questions.
10. Clean up.



Record Sheet 6-A

Name: _____

Date: _____

Glucose Test for Liquids**Pre-Lab Questions**

1. What is the nutrient you are testing for? _____

2. What test material are you using to identify the nutrient? _____

3. What is the color of the test material before it is used? _____

Lab

Now test each liquid for glucose. As you complete each test, record your results on the table on the next page. When the table is completed, answer the questions below.

Post-Lab Questions

Using your results, how can you identify a positive test (+) for glucose?

Using your results, how can you identify a negative test (-) for glucose?

LESSON 6**Record Sheet 6-A (continued)**

Name: _____

Date: _____

Glucose Test for Liquids Table

Test Liquids	Prediction: present (+) not present (-) don't know (dk)	Observation of Glucose Test Paper after Test	First Test Results +, -, dk	Second Test Results +, -, dk
1.				
2.				
3.				
4.				
5.				