

First group

Names of members of the group:

Date:

1. _____
2. _____
3. _____
4. _____
5. _____

Proving starch

- 1) Place any food (every bit) in each space and mark it with numbers.
- 2) Put a few drops of water (3-4) in the food, then just as much drops and iodine. Take it with a hamster and wait a few minutes.
- 3) Observe what happens and notice in the table. Answer the questions

Food	Color	Is there a presence of starch? *mark ✓ or <input type="checkbox"/>
banana		
flour		
apple		
potatoes		
salt		
rice		
sugar		

1) What color do you see if there is starch?

2) What color do you see if there is no starch?

*Optional use PP presentation from <https://www.tes.com/teaching-resource/food-tests-6138364>

Second group

Names of members of the group:

Date:

1. _____

2. _____

3. _____

4. _____

5. _____

Proving fat

1) With a toothpick, smear the examined food on paper.

2) Enter the results in the table and answer the questions.

Food	Is food transparent?	Is There Fat?
Vegetable oil		
Crumbs of bread + water		
Isolated peanuts + water		
vinegar		

1) What foods contain fat?

*Optional use PP presentation from <https://www.tes.com/teaching-resource/food-tests-6138364>

Third group

Names of members of the group:

Date:

1. _____

2. _____

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5. _____

Proving fat

- 1) Place a few drops of oil in a test tube and then add it 5 ml of alcohol. Mix well and add 5ml. water.
- 2) Peanuts are crushed and 10 ml added. Alcohol and mix well with a spoon. Then filter the solution and the filtrate is divided into two test tubes.
- 3) In one of them add 5 ml. Water and stir.
- 4) Enter the results in the table and answer the questions.

Food	Дали се појави емулзија?	Did emulsion emerge?
Vegetable oil + alcohol		
Fillet peanut + alcohol		
Fillet peanut + alcohol + water		

1) Do the fats dissolve in alcohol?

2) Do the fats dissolve in water?

*Optional use PP presentation from <https://www.tes.com/teaching-resource/food-tests-6138364>

Fourth group

Names of members of the group:

Date:

1. _____
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Proving glucose

- 1) Place 3ml in the labeled test tubes: (1) Water, (2) glucose solution, (3) white sugar with water, (4) orange juice and (5) optional liquid;
- 2) Add 3 ml of Felling solution (Felling 1+ Felling 2) in each test tube.
- 3) Place the tubes in a laboratory cup in which you have boiled water. We leave them 5-10 minutes.
- 4) Note the changes and enter the results in the table. Answer the questions..

Food	Color	Is there a change of color?
1. Control test		
2		
3		
4		
5		

- 1) What is the color change if there is glucose?
- 2) How do you know that there is no presence of glucose?

*Optional use PP presentation from <https://www.tes.com/teaching-resource/food-tests-6138364>

Fifth group

Names of members of the group:

Date:

1. _____
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Demonstrating proteins

1. Take 4 tubes.

2. Put in the first test tube 5 ml. water, in the second 5 ml of milk, in the third 5 ml of yogurt and in the fourth 5 ml egg white. In all tubes put 2 ml. 10% solution of NaOH and 2 ml 1% solution on CuSO₄.

	Food	Color
1 test tube	Water	
2 tubes	milk	
3 test tube	yogurt	
4 tubes	egg white	

1. What color is there in the first test tube?

2. What color is there in other test tubes?

*Optional use PP presentation from <https://www.tes.com/teaching-resource/food-tests-6138364>