

# Starch in Food

## Experiment:

To test for starch.

## Materials:

### You will need:

- Pipette
- iodine
- celery
- potato
- bread
- three petri dishes

## Method:

1. Place a piece of celery, potato and bread in three different petri dishes.
2. Place the iodine in the pipette.
3. Add a few drops of iodine solution directly to the piece of potato, celery and bread.
4. Observe and record any changes.

## Result:

	Foods		
	Dish 1: Potato	Dish 2: Celery	Dish 3: Bread
Observations:	The iodine turned from a red/yellow colour to a blue-black colour.	The iodine turned from a red/yellow colour in certain places to a blue-black colour, where starch is stored.	The iodine turned from a red/yellow colour to a blue-black colour.

## **Observations:**

The iodine turned from a red/yellow colour to a blue-black colour. The iodine turned from a red/yellow colour in certain places to a blue-black colour, where starch is stored. The iodine turned from a red/yellow colour to a blue-black colour.

## **Conclusion:**

1. If starch is present the iodine turns blue-black.
2. If starch is absent the solution stays a red/yellow colour.
3. The starch showed up in the celery where it is stored.