

1.4. Chemical structure of organisms

Experience 1

Research problem:

What are the effects of minerals on the development of cress?

Hypothesis:

Feeding the cress with mineral water causes a rapid growth of plants.

What you will need:

- cress seeds,
- 2 plates,
- watt,
- mineral water with a known elemental composition,
- distilled water (demineralized).

Instructions for implementation:

1. Place a thick layer of cotton wool moistened with distilled water (Sample 1) and mineral water in the saucers (Sample 2).
2. Put 30 seeds on the plates and place them in a sunny place at a constant temperature of around 20 ° C.
3. If necessary, water the culture with distilled water (Sample 1) and mineral water (Sample 2).
4. Compare the height of germinated plants every day for 14 days.

Tasks to do:

1. Save the results of the experiment in the table.
2. Formulate and save the application.

Date of measurement	Plant height in mm	
	the control sample it is	the research sample it is

Consequence

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