

The Experiment

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My name is Nicoara Floarea and I am teacher at Secondary School Calatele and I teach students from preparatory class and the second grade. They are six-eight years old.

In my activity, for introducing scientific concepts to my students, I use various and active methods or traditional methods including experiments. The experiment stimulates students' curiosity, their creativity, the understanding and knowledge taught accessibility.

I propose you two such experiments:

The life cycle of the plants (long-term experiment, with rigorous observation time): We use beans, wheat or other; They are grown in pots and on the cotton soaked with water, keeping under students' observation protecting them (just soak them regularly) and we waiting the plants rise. For discussions and comments of plant embryo development we use the plants which rose on the cotton soaked with water plants at the end of the first week. Last school year we had in the pot climbing beans which in May made pods. They were not too great but our experiment was a success. The students could deduce that there will develop those big beans which after drying will be planted again.

The influence of light on plants (average duration experiment with the necessary observation time): We use two pots in which plants are of the same type (two geraniums), one of them is situated so as to get direct sunlight and other plant we put in a closed box. Although we wet both plants after a week we see that the plant that benefited from sunlight has turned strain in direct sunlight, developing normally in return the plant out of the box I have yellowed leaves, photosynthesis does not occur. Students will understand the vital role of the Sun in plants' life, both in the classroom and in nature.

The experiment is a method of teaching students extremely pleasant, with a remarkable percentage of acquiring more knowledge.