

## Science “Growing plants is fun!”

**LINK:** <https://view.genial.ly/5b50a2cdb09bea2b8f3731eb/growing-plants-is-fun>

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Age level: Year 2 Primary Education.

Timing:

- 3 sessions

Objectives

- To identify the basic elements that plants need to survive.
- To label the different needs and functions of plants.
- To be aware of how plants develop and grow.
- To recognize globally key words and their phonics.
- To blend the sounds belonging to some key words.

Contents

- What plants need to grow and survive.
- The process of growing a plant.
- Blending vowels and consonants from specific words.
- Recognition of some words and increase of vocabulary related to plants.

Assessment

- Daily observation of children’s work.
- Oral interaction.
- Complete assessment worksheet
- Do an experiment.

### SESSION 1

We are going to introduce this topic through a video with a song (infography part 1)

Then, we will check their previous knowledge by doing a Kahoot quiz (infography part 2) It is also a way to reinforce the contents that they have already worked on the first session. In the second session, we will focus on the following literacy activities (explained above) integrating them into science.

### **Phonics game** (infography part 3)

It's a game that consists in ordering the cards which represent the same sounds. Then, students have to make words related to the plants word family. Eventually, they are given some questions (on labels) and are told to ask them. They can check their results turning down the labels.

Materials required:

Paper pots, cards, clothes pegs, markers and labels.

### **Phonics game instructions**

1. Collect everycard (sound) with the same colour.
2. Order the sounds and try to build up a word.
3. Blend the words which you have built before.
4. Answer the questions on the labels and check them at the back of each one.

## SESSION 2

In this session we will review the previous contents. Then, we will play with the students an interactive game and a quiz (infography part 4) They are going to be gardeners. That means they need to know to be responsible in order to look after sensibly their plants, like watering them properly, providing them with enough sunlight, etc. If not, the plants won't grow up.

Assessment (infography part 5)

Finally ask students to start carrying out the experiment on growing plants under different circumstances (infography part 6)

Final project: growing our own plants.(Beginning in SESSION 3)

Grow four different plants under four different circumstances:

1. Try growing a plant without using water.
2. Try growing a plant without sunlight.
3. Try growing a plant without soil.
4. Try growing a plant with soil, water and sunlight.

This project will involve several weeks. The students are going to work in a cooperative way. Each group will grow a different plant from a seed (beans, tomato, lettuce, chickpeas) During that time, students will have to draw / take photos at the different steps in the growing process.



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