

After my children and I sprouted seeds to see what the process entailed, we decided to carry out a series of seed experiments to learn more about seeds. Our seed experiments were designed to answer questions about what kinds of conditions seeds grow best in. The purpose was to learn more about about what seeds need to grow.

The question that motivated our first seed experiment was the following: "Do seeds need light to grow?" My children made their predictions, and then we set up an experiment to test our hypotheses.

For any experiment, it is important to set up conditions so that the only difference between the conditions is related to what you want to test. Because we wanted to test how seeds grow in different lighting conditions, it was important that all of the growing conditions for our seeds be the same except for the lighting conditions.

Initial Thoughts

What type of text is this? Who is the author? Are they writing in 1st/ 2nd or 3rd person? How do you know? What is about? Is there any vocabulary you're unsure of? List the vocabulary.

What's the purpose of their investigations? What did the children do before the investigation?



What is important for any experiment? What was the variable in the investigation?

Highlight (or write down) any **verbs** in green. Highlight (or write down) **any scientific vocabulary** in red. Highlight **any questions** in a different colour.

