Name ............................................... **How do Seeds Grow in Different Types of Soils?**

|  |  |
| --- | --- |
| **Hypothesis:** Seeds grow better in certain soils. Seeds will not grow well in other soils.  [This Photo](https://www.pngall.com/seed-png) by Unknown Author is licensed under [CC BY-NC](https://creativecommons.org/licenses/by-nc/3.0/) | **Prediction:** (What I think will happen)  I think that ...  ...................................................................  ...................................................................  ...................................................................  ...................................................................  ...................................................................  ...................................................................  ................................................................... |
| **Equipment:**  ..............................................  ..............................................  ..............................................  ..............................................  ..............................................  ..............................................  Describe and label the soil you are testing  (sandy, clay, etc)  ..............................................  ..............................................  ..............................................  ..............................................  ..............................................  ..............................................  [This Photo](https://www.pngall.com/seed-png) by Unknown Author is licensed under [CC BY-NC](https://creativecommons.org/licenses/by-nc/3.0/) |
| **Method:**  How will we measure the growth of our seed/plant?  [This Photo](https://www.pngall.com/seed-png) by Unknown Author is licensed under [CC BY-NC](https://creativecommons.org/licenses/by-nc/3.0/)  ...................................................................  ...................................................................  ...................................................................  ..................................................................  Should we all use the same method?  ...................................................................  ................................................................... |
| **DAY ONE:** Draw a picture of your experiment. | |

Name ............................................... **How do Seeds Grow in Different Types of Soils?**

**RESULTS:** **Each time you collect results ...**

* Keep a note of which day in the experiment you are up to.
* Measure any growth.
* Write and draw what you are observing.

DATE: ................................ DAY NUMBER ....................

|  |  |
| --- | --- |
| Draw a Picture of what you observe | Height:  Observation Notes: |

DATE: ................................ DAY NUMBER ....................

|  |  |
| --- | --- |
| Draw a Picture of what you observe | Height:  Observation Notes: |

DATE: ................................ DAY NUMBER ....................

|  |  |
| --- | --- |
| Draw a Picture of what you observe | Height:  Observation Notes: |

DATE: ................................ DAY NUMBER ....................

|  |  |
| --- | --- |
| Draw a Picture of what you observe | Height:  Observation Notes: |

DATE: ................................ DAY NUMBER ....................

|  |  |
| --- | --- |
| Draw a Picture of what you observe | Height:  Observation Notes: |

Name..................................... Date .............

**The Experiment has concluded**

RESULTS: What happened during the experiment?

Have a look at your drawings and notes. Discuss your results with a partner who used different soil.

|  |
| --- |
| Draw the final picture of your seed. Label the type of soil used. |

|  |
| --- |
| Draw the final picture of a seed grown in different soil |

What are the results when you compare the two?

**CONCLUSION:** We have tested our hypothesis. Was it correct? Why or why not?

**Seeds DO / DO NOT grow better in some soils than in others.**

**This is true because ............................................................................................................................................................**

**............................................................................................................................................................**

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