



Brain Storm



- 1) What words, pictures or stories do you associate with the word "Science"?
- 2) What does science mean to you?
- 3) What do you remember from previous science classes? (List them)

First do this on your own



What is a scientist (Draw a picture, color it and set it aside)

What does diversity of life mean to you? (Draw a picture on a different piece of paper)

↓
Bunch of different Stuff of Life

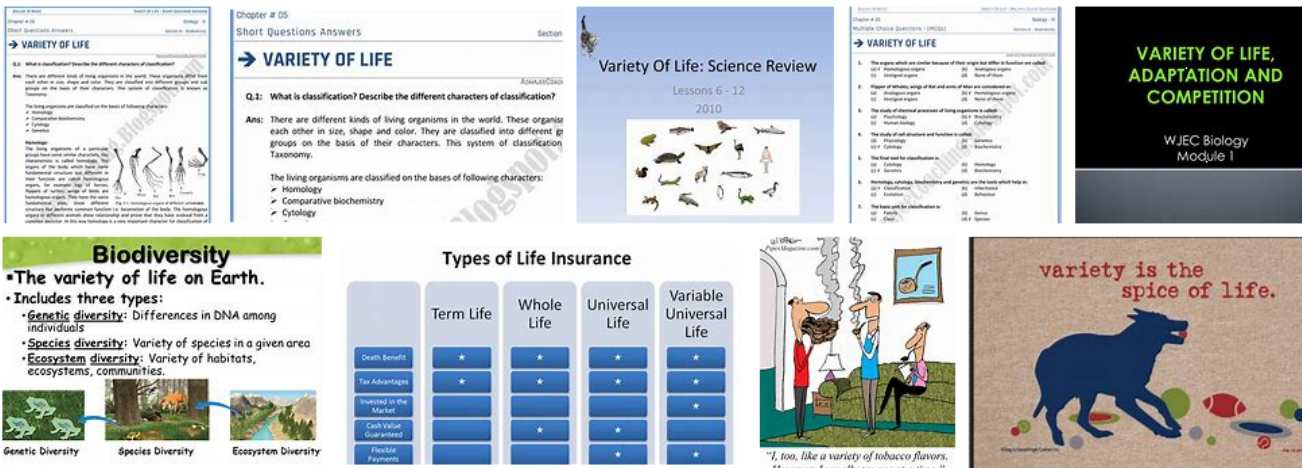
'Variety of Living things'

This is a google search for "Scientist"

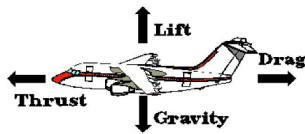
What do you notice?



This is a google search for "Variety of Life"



Grade⁶Science

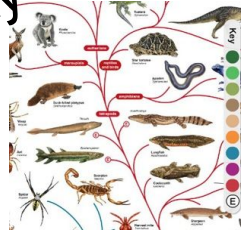


Flight

Science Inquiry

<p>make an observation</p>	<p>ask a question</p>
<p>make a hypothesis</p> <p><i>I think...</i></p>	<p>conduct your experiment</p>
<p>draw conclusions</p> <p>I learned that...</p>	<p>report your results</p>

Variety of Life



Review Scientific Method



Has 7 steps

1) Ask a **Question** (It must be **Testable**)

-Include "Which", "Do/Does", "How", "What", "Why"?

-To find an answer you must do a test and the retest

2) Make a **Hypothesis** - Write what you think you will find out, and why you think this.(or what you think the answer will be). Is there a way to test your hypothesis.

-You now have to design an experiment to test your hypothesis

3) **Design an Experiment** - what are you going to do to test your hypothesis. Here you must state the variables. (SEE NEXT PAGE)

4) **List Materials** - list all the materials that you will use in the investigation

5) **Procedure** - Carry out the investigation and make a detailed list of steps in which you followed .

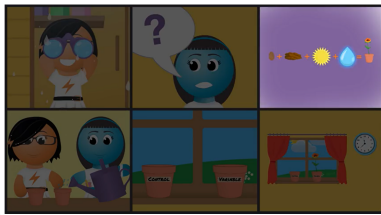
6) **Results/observations** - Record what you observed when you carried out the investigation/procedures


7a) **Conclusion** - From what you observed how would you answer your original question. Was your hypothesis correct? Give reasons of why or why not.

Once you have completed the scientific method you must:


7b) -**Communicate** your results and conclusions with others

- If possible, **relate** what you have learned to the world outside the classroom.



 Scientific Method Song



 discovery of penicillin (1964)

Discovery of Penicillian (Sharing Information)

Attachments

Unit 1 Space Test Outline.notebook