

A
8/26/16

B
8/29/16

Hypothesis, Variables, Constants

NOTES: Do Now

Question: How many branches of science do you think there are? [Explain your answer and give examples]

Focus

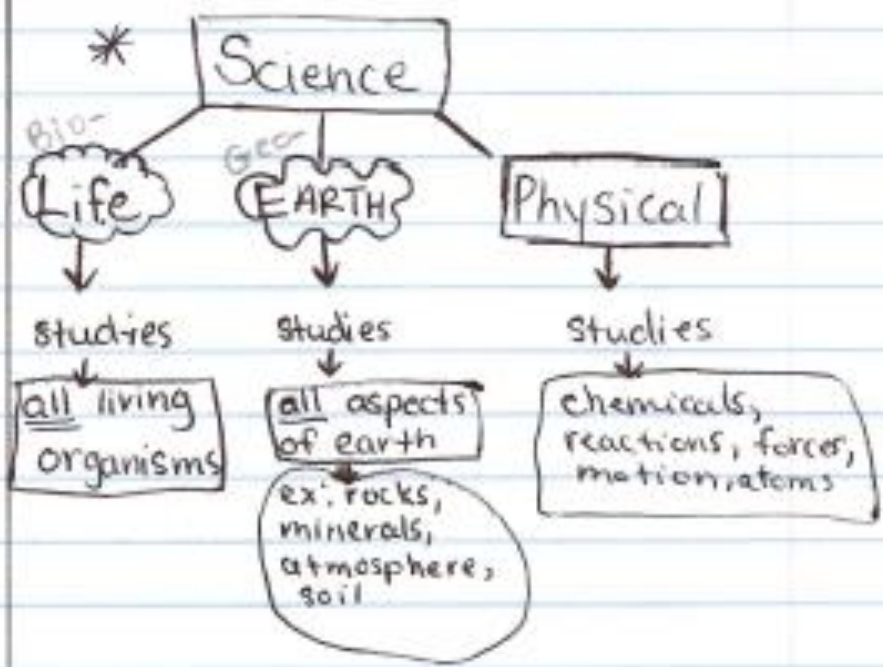
SC.6.N.1.3

- Hypothesis
- Science branches

NOTES: BRANCHES OF SCIENCE

Vocab:

- 1) Hypothesis
- 2) constant (control)
- 3) variable
- 4) independent variable
- 5) dependent variable



A
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Hypothesis, Variables, constants

NOTES: Hypothesis

- An educated guess that can be tested.
- use observations to create If... then... because statement.

FOCUS
SC.6.N.1.3

Vocab
- hypothesis
- variables
- constants

variable - changes during experiment (investigation)

→ Independent variable -
- I change something
- only change 1 thing

→ Dependent variable
- the change that occurs based on the Independent variable
- what you observe and measure

Constant / Control
• stays the SAME!

A	B	Hypothesis, Variable, Constant
8/26/16	8/29/16	NOTES: BrainPop - Scientific method
		H →
		IV →
<u>Focus</u>		DV →
SC.6.N.1.3		C →
H, V, C		
[hypothesis, variable, constant]		<hr/> <u>REFLECTION</u> - Sustained 5 minutes "What did you learn today?" "How will this help you this year or in the future?"

A

8/23/14

B

8/24/16

LAB REPORT

NOTES:

Name: _____ Date: _____ Period: _____
Lab Report

FOCUS

- SC. 6.N.1.1
- Lab Report

Question:

How many drops of water (H_2O) can I fit on a penny before it overflows?

Hypothesis: If I drop 1 drop carefully at a time
Then I can fit _____ drops on a penny
because of the surface area size.

Materials:

- penny
- beaker
- water (H_2O)
- eye dropper
- paper towels
- tray
- goggles

Procedure:

- 1.
- 2.
- 3.
- 4.
- 5.

Trial 1:

Trial 2:

Trial 3:

Conclusion: