

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Life Science Daily Homework**  
**Week of September 01-05, 2025**  
***Homework will be checked daily for completion***

**MONDAY** No School - Labor Day

**TUESDAY**

**Directions: For each experiment, write down the independent variable (IV), dependent variable (DV), and at least three constants.**

- 1) Katiana wanted to figure out what type of liquid worked best for growing beans. She watered one with coca-cola, one with lemonade, and one with just water. After one week, she measured how high they had grown.
  - a) Independent Variable (IV): \_\_\_\_\_
  - b) Dependent Variable (DV): \_\_\_\_\_
  - c) Constants: \_\_\_\_\_
- 2) Trevor wanted to find out what fertilizer worked best for growing marigolds. He put Miracle Grow on one, Scotts fertilizer on one, and no fertilizer on another.
  - a) Independent Variable (IV): \_\_\_\_\_
  - b) Dependent Variable (DV): \_\_\_\_\_
  - c) Constants: \_\_\_\_\_

**WEDNESDAY**

**Directions: For each experiment, write down the independent variable (IV), dependent variable (DV), and at least three constants.**

- 1) Taylor wanted to see if eating apples would help her do better on her classwork. The first day, she didn't eat any apples. On day 2, she ate one apple; on day 3, she ate 2 apples; and on day 4, she ate 3 apples. Each day, she recorded the grades she got on her science work.
  - a) Independent Variable (IV): \_\_\_\_\_
  - b) Dependent Variable (DV): \_\_\_\_\_
  - c) Constants: \_\_\_\_\_
- 2) CJ wanted to see if listening to music would make the basketball players make more baskets. On day one, he didn't play any music and counted how many baskets they could make in 10 minutes. On day 2, he played rap music and counted the baskets, and on day 3, he played classical music and counted the baskets.
  - a) Independent Variable (IV): \_\_\_\_\_
  - b) Dependent Variable (DV): \_\_\_\_\_
  - c) Constants: \_\_\_\_\_

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## **THURSDAY**

**Directions: For each experiment, write down the independent variable (IV), dependent variable (DV), and at least three constants.**

- 1) Michael wanted to see what kitchen cleaner worked best for cleaning his counters. He used Lysol, Clorox, Pinesol, and just water. For each cleaner, he put 5 milliliters of grape juice on the counter, sprayed the cleaner, and wiped it with one paper towel.

a) Independent Variable (IV): \_\_\_\_\_

b) Dependent Variable (DV): \_\_\_\_\_

c) Constants: \_\_\_\_\_

- 2) Alex wanted to find out what toothpaste made teeth the cleanest. Everyday she brushed her teeth with a different product and then took a plaque test to see how much plaque was left. She used Crest, Colgate, Close-up, and water.

a) Independent Variable (IV): \_\_\_\_\_

b) Dependent Variable (DV): \_\_\_\_\_

c) Constants: \_\_\_\_\_