



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Conclusion

Variables

Scientific method

Science

Scientific inquiry

Responding variable

Data

Observation

1. _____ - using one or more of your senses to gather and collect data or information

PLANT GROWTH	
day 1	1 in.
day 2	1.5 in.
day 3	2.5 in.

2. _____ - the factor that changes because of the manipulated variable

3. _____ includes

4. _____ investigation attempts

5. _____

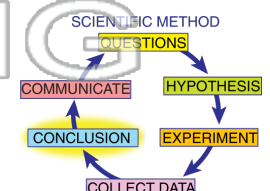
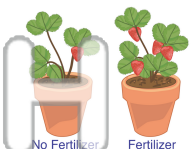
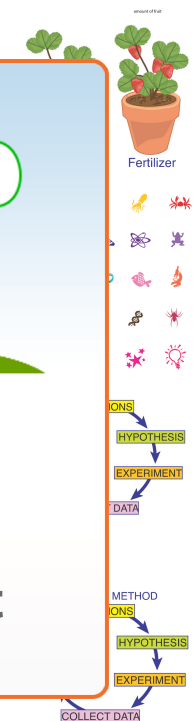
PREVIEW

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6. _____ - factors that can have an effect on the experiment

7. _____ - the summing up of the information from an investigation that either supports the hypothesis or not

8. _____ - evidence that is gathered by making observations; another word for facts and information



Traveling Car Cars						
Trials	1	2	3	4	5	
car 1	10'	11'	9'	10'	10.5'	
car 2	6'	4'	3'	4'	4'	
car 3	5'	5'	4'	5'	4'	
car 4	10'	12'	10.5'	11'	6'	
car 5	5.5'	6'	8'	5'	5'	
car 6	8'	7.5'	5'	9'	8'	



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Conclusion

Variables

Scientific method

Science

Scientific inquiry

Responding variable

Data

Observation

1. observation - using one or more of your senses to gather and collect data or information

PLANT GROWTH	
day 1	1 in.
day 2	1.5 in.
day 3	2.5 in.

2. responding variable - the factor that changes because of the manipulated variable

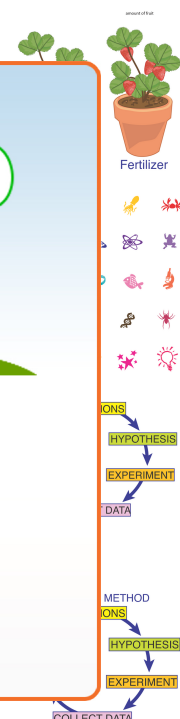
3. science
previous

4. science
investigation
attempt

5. science

PREVIEW

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6. variables - factors that can have an effect on the experiment

7. conclusion - the summing up of the information from an investigation that either supports the hypothesis or not

8. data - evidence that is gathered by making observations; another word for facts and information

SCIENTIFIC METHOD

QUESTIONS -> HYPOTHESIS -> EXPERIMENT -> CONCLUSION -> COMMUNICATE

QUESTIONS -> HYPOTHESIS -> EXPERIMENT -> COLLECT DATA

Traveling Car Cars					
Trials	1	2	3	4	5
car 1	10'	11'	9'	10'	10.5'
car 2	6'	4'	3'	4'	4'
car 3	5'	5'	4'	5'	4'
car 4	10'	12'	10.5'	11'	6'
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