

Name _____, Period _____

PRELIM: Using the Scientific Method

P

PURPOSE:

1. "What are we really _____ about the world, sometimes we come up with _____."

2. "The 'P' can also stand for _____, " what is the problem you want to answer?"

H

HYPOTHESES

1. "When thinking about the problem, we usually come up with a _____, " an educated _____."

2. "Hypothesis word, but is _____, statement."

E

EXPERIMENT

1. "To figure out if your hypothesis is correct, you need to design a _____."

2. "In an experiment you need to be able to change some variables, _____, what happens as it reacts with _____."

R

RESULTS

1. "After we perform an experiment, it is important to _____ the results to see what happened."

2. "This often is a _____ and _____, to help more see it if we _____."

C

CONCLUSION

1. "To make a conclusion, we have to _____, first, for the original problem, our observations, and _____."

2. "Sometimes you may _____ your hypothesis, other times you may _____."

3. "It is important to know if you do reject your hypothesis, _____."

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