

## Fact or Opinion?

The following statements can either be proved with scientific evidence or are simply opinions. Place a tick next to the scientific statements and a cross next to the opinions.

- Dogs are better than cats. \_\_\_\_\_
- Sunscreen is effective at blocking ultra violet rays of light. \_\_\_\_\_
- You should only buy recycled paper. \_\_\_\_\_
- Most people are more alert in the mornings. \_\_\_\_\_
- Samantha's bike is faster than Clinton's bike. \_\_\_\_\_
- Some birds fly to warmer climates when the weather gets cold. \_\_\_\_\_
- White shirts are better at keeping you cool than black shirts. \_\_\_\_\_
- Red hats look better than blue hats. \_\_\_\_\_
- Some batteries last longer than others. \_\_\_\_\_
- Pandas are the cutest animals. \_\_\_\_\_



## Asking The Right Questions.

Write 3 specific questions that could be explored through experimentation based on the following topics.

Plants

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Pollution

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Climate Change

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## Planning a Test.

Choose one of the questions you have written in one of the above topics. Outline possible tests that could be undertaken to provide an answer for the question. What evidence would you collect in the experiments?

Question:

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Possible Experiments:

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Evidence:

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