

ASKING THE RIGHT QUESTIONS-Scientific Method

Formulating the right question is the first step in scientific method investigation. But not every question is a GOOD question. A GOOD question is one that can be answered through investigation, not by reading a book or researching the internet. For instance, a question like "Are dogs good at guarding people?" is NOT a good question because it is too vague and there are too many ways to test it. But a question like, "Which dog is better for guarding people - an Irish setter or a Doberman Pinscher?" is a good question because it can be tested.

Circle the questions that can be tested using scientific experimentation.

1. Where are dolphins found in the world?
2. What happens if you do not have dinner?
3. What kinds of seeds germinate faster - large ones or small ones?
4. Does the color of a surface affect its temperature?
5. Does classroom temperature affect students' performance?
6. What types of apples grow in the United States?
7. Which objects are attracted to a magnet- penny, paperclip or foil?
8. What kind of pill dissolves faster in water - tablet, capsule or caplet?

