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****Question:**** What is the foundation of scientific inquiry?

- A) Advanced technology
- B) Collaboration between scientists
- C) The scientific method
- D) Historical scientific breakthroughs

****Correct Answer:**** C

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****Question:**** The text mentions the discovery of penicillin as an example of:

- A) The interconnectedness of scientific disciplines
- B) A scientific breakthrough that changed the world
- C) The role of technology in science
- D) The importance of inspiring future generations

****Correct Answer:**** B

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****Question:**** How does technology contribute to scientific progress?

- A) By replacing the need for scientific experiments
- B) By limiting the scope of scientific research
- C) By providing tools that enhance observation and analysis
- D) By creating a divide between different scientific disciplines

****Correct Answer:**** C

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****Question:**** According to the text, what is one way to inspire future generations to pursue science?

- A) By emphasizing the memorization of scientific facts

B) By discouraging questions and critical thinking

C) By sharing stories of scientific achievements and the excitement of discovery

D) By limiting access to STEM education

****Correct Answer:** C**