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Question: What is at the heart of scientific inquiry, according to the text?

- A) The theory of relativity
- B) The scientific method
- C) The discovery of penicillin
- D) The formulation of biochemistry

Correct Answer: B) The scientific method

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Question: Which of the following is an example of interdisciplinary collaboration in science, as mentioned in the text?

- A) Biology and mathematics
- B) Biochemistry and physics
- C) Biochemistry, which merges biological and chemical principles
- D) Chemistry and astronomy

Correct Answer: C) Biochemistry, which merges biological and chemical principles

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Question: What role do technological advancements play in scientific research, according to the text?

- A) They limit the scope of scientific inquiry
- B) They have no impact on scientific research
- C) They enhance our ability to explore and understand the universe
- D) They replace human scientists

Correct Answer: C) They enhance our ability to explore and understand the universe

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Question: According to the text, what is the impact of science on society?

- A) It only affects laboratories and classrooms
- B) It shapes our daily lives and informs public policy
- C) It has no impact on healthcare decisions
- D) It only drives economic growth

Correct Answer: B) It shapes our daily lives and informs public policy

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Question: Why is it essential to inspire the next generation of scientists, according to the text?

- A) To reduce the number of scientists
- B) To increase competition among scientists
- C) To cultivate a love for science in young minds and ignite a passion for exploration
- D) To limit the scope of scientific inquiry

Correct Answer: C) To cultivate a love for science in young minds and ignite a passion for exploration