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Question: What is the primary goal of scientific inquiry?

- A) To collect facts and data
- B) To understand the natural world through systematic observation and experimentation
- C) To develop new technologies
- D) To prove existing theories

Correct Answer: B) To understand the natural world through systematic observation and experimentation

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Question: What role does the scientific method play in scientific research?

- A) It hinders the discovery process
- B) It provides a structured approach to understanding the world
- C) It is only used in physics
- D) It is not essential for scientific inquiry

Correct Answer: B) It provides a structured approach to understanding the world

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Question: What is the outcome of interdisciplinary collaboration in science?

- A) Narrowly focused research
- B) Innovative solutions to complex problems
- C) Isolated discoveries
- D) Limited understanding of the world

Correct Answer: B) Innovative solutions to complex problems

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Question: How does science impact our daily lives?

- A) It has no impact on our daily lives

- B) It only influences technology
- C) It shapes our understanding of the world and informs our decisions
- D) It is limited to laboratories and classrooms

Correct Answer: C) It shapes our understanding of the world and informs our decisions

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Question: What is the nature of science?

- A) A static body of knowledge
- B) A dynamic and continuously evolving process
- C) A collection of unrelated facts
- D) A pursuit of technological advancements only

Correct Answer: B) A dynamic and continuously evolving process