

1. What quality helps students begin scientific exploration?

- A. Memorization B. Curiosity
C. Quietness
D. Competition (B)

Explanation : Curiosity encourages asking questions and discovering new ideas.

2. Which activity helps in understanding the properties of materials?

- A. Reading stories
B. Using batteries, lamps and wires
C. Watching movies
D. Drawing pictures (B)

Explanation : Batteries, lamps and wires help in exploring properties like conductivity.

3. How are changes around us commonly grouped?

- A. Fast and slow B. Large and small
C. Reversible and irreversible
D. Natural and artificial (C)

Explanation : Some changes can be undone while others cannot, forming these two groups.

4. Which natural process shows the movement of water from sea to land?

- A. Combustion
B. Evaporation and rainfall
C. Photosynthesis
D. Sedimentation (B)

Explanation : Water evaporates, rises, cools and returns as rain.

5. What helped early humans measure time before clocks?

- A. Bell sounds B. Stars at noon
C. Sun-cast shadows
D. River flow (C)

Explanation : Shadows change position through the day, helping people read time.

6. Which topic connects the movement of Earth, Moon and Sun?

- A. Chemical reactions
B. Plate movement
C. Day, night and eclipses
D. Genetics (C)

Explanation : Rotation and revolution create day-night cycles and eclipses.

7. Which life process is essential for animals?

- A. Flying
B. Blood circulation
C. Building shelters
D. Making clothes (B)

Explanation : Blood circulation distributes nutrients throughout the body.

8. Science helps in solving which major concern?

- A. Fashion changes
B. Environmental challenges
C. Sports disagreements
D. Film production issues (B)

Explanation : Scientific understanding supports solutions for environmental problems.

9. What describes the relationship among scientific fields?

- A. They are separate.
B. They are interconnected.
C. Only physics matters.
D. Biology stands alone. (B)

Explanation : Ideas from one field can contribute to progress in another.

10. Which type of classroom task builds questioning skills?

- A. Only MCQ tests
B. Creating questions from given answers
C. Silent reading
D. Copying definitions (B)

Explanation : Forming questions stimulates thinking and curiosity.