

Class 4 Maths: Chapter 5 - 'The Way The World Looks' - Test Worksheet 4 with Separate Answer Key

Class 4 Maths- Chapter5 - The Way The World Looks

Name- _____

Date- _____

Part A: Choose the Correct Option

When you look at a building from the top:

- a) You can see its doors.
- b) You can see its roof.
- c) You can see its windows.
- d) You can see people inside it.

If you are facing the sunrise (east), your left hand will point towards:

- a) North
 - b) South
 - c) East
 - d) West
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Part B: Odd One Out

In each group, circle the item that is not related to the others:

- a) Top view, Side view, Inside view, Front view
 - b) North, South, Up, Down
 - c) Smaller, Larger, Farther, Nearer
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Part C: Drawing and Labeling

Draw an object (like a chair or a ball) and label the parts that look different when viewed from the front and from the side.

Part D: Critical Thinking Questions

Explain why the sun appears larger at sunrise and sunset compared to noon.

Describe a situation where understanding perspective is important (e.g., in drawing, navigating, etc.).

Part E: Imagination Exercise

If you were a bird flying over a forest, describe what different things you would see compared to walking in the forest.

Teacher's Use Only

Marks Obtained: _____ / Total

Comments:

Answer Key

Part A: Choose the Correct Option

When you look at a building from the top:

- Answer: b) You can see its roof
- Explanation: From the top view, you typically see the roof of a building rather than its doors or windows.

If you are facing the sunrise (east), your left hand will point towards:

- Answer: a) North
 - Explanation: When facing east, north will be on your left.
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Part B: Odd One Out

a) Inside view

- Explanation: The others are external views of an object.

b) Up, Down

- Explanation: North, south, east, and west are directions on a horizontal plane, while up and down refer to vertical movement.

c) Farther, Nearer

- Explanation: Smaller and larger describe size, while farther and nearer describe distance.
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Part C: Drawing and Labelling

- Students can draw an object like a chair and label parts like the seat, backrest, and legs, indicating how they look different from the front (e.g., seat and backrest visible) and from the side (e.g., legs and side of the seat visible).
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Part D: Critical Thinking Questions

Sun Appearance at Sunrise/Sunset vs. Noon:

- The sun appears larger at sunrise and sunset due to an optical illusion created by the Earth's atmosphere. The atmosphere bends light, making the sun look larger when it is near the horizon compared to when it is high in the sky at noon.

Importance of Understanding Perspective:

- In drawing: Understanding perspective is crucial for creating realistic 3D effects on a 2D surface.
 - In navigating: Perspective helps in reading maps and understanding how a landscape would appear from different angles or elevations.
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Part E: Imagination Exercise

- Bird Flying Over a Forest:
 - "If I were a bird flying over a forest, I would see the tops of trees, creating a green canopy. I would notice clearings and streams that aren't visible when

walking under the dense tree cover. From above, I could see how the forest fits into the larger landscape, including nearby fields, hills, or towns."

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