Class 4 Maths: Chapter 5 - 'The Way The World Looks' - Test Worksheet 1 with Separate Answer Key

Class 4 Maths- Chapter5 - The Way The World Looks
Name- _____
Date- _____

Part A: Multiple Choice Questions

- When you look at a tree from far away, how does it appear?
- a) Larger
- b) Smaller
- c) The same
  d) Upside down
- What helps us understand the location of an object in space?
- a) Color
- b) Shape
- c) Size
  d) Spatial orientation
- What do we use to match two views of the same pose?
- a) Colors and shapes
- b) Directions and distances
- c) Top and side views
  d) Numbers and letters

Part B: True or False

Objects look the same from all directions. (True/False)
Directions like left and right change based on where you are standing. (True/False)
The size of an object changes when you move closer or farther away from it. (True/False)

Part C: Drawing Exercise

Draw a simple object (like a cup or a book) from two different views (top view and side view).

Part D: Short Answer Questions

Describe how a building looks different from the top view compared to the front view.
If you are facing north and turn to your right, which direction will you be facing?

Part E: Creative Task

Imagine you are a bird flying over your school. Draw a picture of how your school looks from above and label at least three different areas (like playground, classroom, library).

Bonus Question:
Describe an experience where you noticed something looked different from another angle or distance.

Answer Key

Part A: Multiple Choice Questions

When you look at a tree from far away, how does it appear?

- Answer: b) Smaller
- Explanation: Objects appear smaller when they are further away from the viewer.

What helps us understand the location of an object in space?

- Answer: d) Spatial orientation
- Explanation: Spatial orientation helps us understand the position and location of objects in space.

What do we use to match two views of the same pose?

- Answer: c) Top and side views
- Explanation: Matching different views like top and side views helps us understand the three-dimensional shape of an object.

Part B: True or False

Objects look the same from all directions.

- Answer: False
- Explanation: Objects can appear differently when viewed from different directions.

Directions like left and right change based on where you are standing.

- Answer: True
- Explanation: Directions like left and right are relative to the observer's orientation.

The size of an object changes when you move closer or farther away from it.

- Answer: False
- Explanation: The actual size of the object remains the same, but its perceived size changes with distance.

Part C: Drawing Exercise

- you can draw a simple object like a cup or a book from the top view (looking directly down at it) and the side view (looking at it from the side).

Part D: Short Answer Questions

Describe how a building looks different from the top view compared to the front view.

- Answer: From the top view, a building appears as a flat shape showing its roof and the layout of the structure. From the front view, the building's height, doors, windows, and entrance are visible.

If you are facing north and turn to your right, which direction will you be facing?

- Answer: East

Part E: Creative Task

- you can imagine a bird’s eye view of your school, drawing the layout as seen from above. Label areas like the playground, classrooms, and library, showing their relative positions.

Bonus Question:

- students can describe their own experiences where they noticed changes in the appearance of objects from different angles or distances, such as seeing a mountain from afar and then up close.