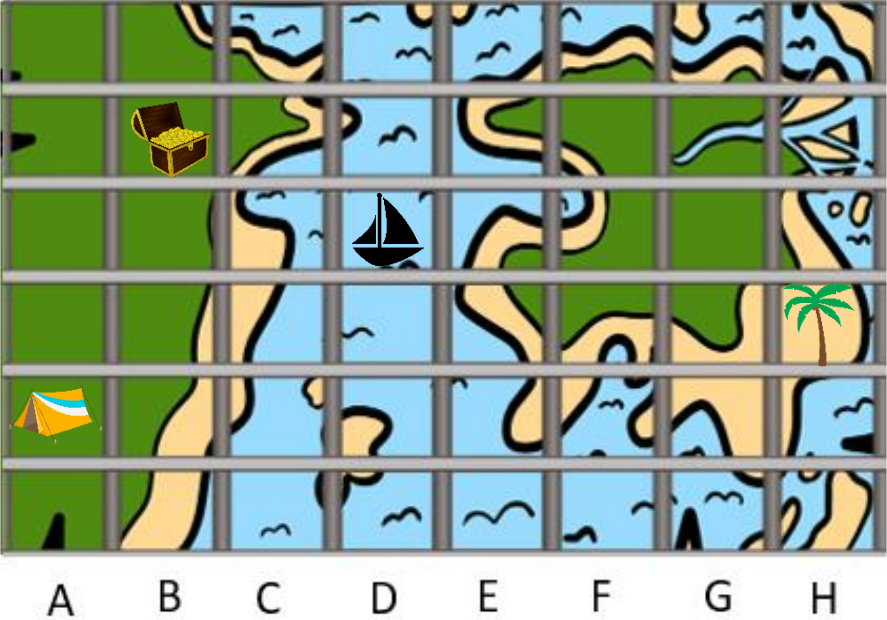


Phase 5 Angle, Symmetry and Transformation Assessment

Phase 5 Progression Overview	Assessment Note	Marks
I can use multiples of 45 degrees to give directions.	Question 1	3
I can use distance and directions including angles on maps	Question 2(a) 1 mark to get to treasure chest, 1 mark to boat	2
I can use co-ordinates on a grid to identify and plot location	Question 3	8
I can give clear instruction for locating and moving objects in the environment or on maps/plans	Question 2(b/c)	2
I can interpret relevant maps to find my way around an environment in real life	Have you observed the child doing this?	n/a
I can place or describe key features on a map with accuracy	Question 2(b/c)	
I can visualise and reproduce the folds and cuts to make complex symmetrical patterns (e.g. pop-up cards and snowflakes)	Have you observed the child doing this?	n/a
I can describe the angle of a turn	Question 1	1
TOTAL MARKS		/16

	Question	Mark
1	<p>I can use multiples of 45 degrees to give directions. I can describe the angle of a turn</p> <p>a.) I am facing North. I turn 45 degrees clockwise. Then I turn 45 degrees anticlockwise. Now I am facing _____.</p> <p>b.) I am facing East. I turn 45 degrees clockwise. Then I turn 45 degrees clockwise again. Now I am facing _____.</p> <p>c.) I am facing South. I turn 180 degrees clockwise. Then I turn 45 degrees anticlockwise two times. Now I am facing _____.</p> <p>d.) I am facing East. Now I am facing North. I have turned _____ degrees.</p>	4
2	<p>I can use distance and directions including angles on maps. I can give clear instruction for locating and moving objects in the environment or on maps/plans. I can place or describe key features on a map with accuracy</p>  <p>a.) Describe how to get to the boat from the tent, picking up the treasure chest on the way:</p> <p>_____</p> <p>_____.</p> <p>b.) What is the grid reference of the tent? _____</p>	2 1

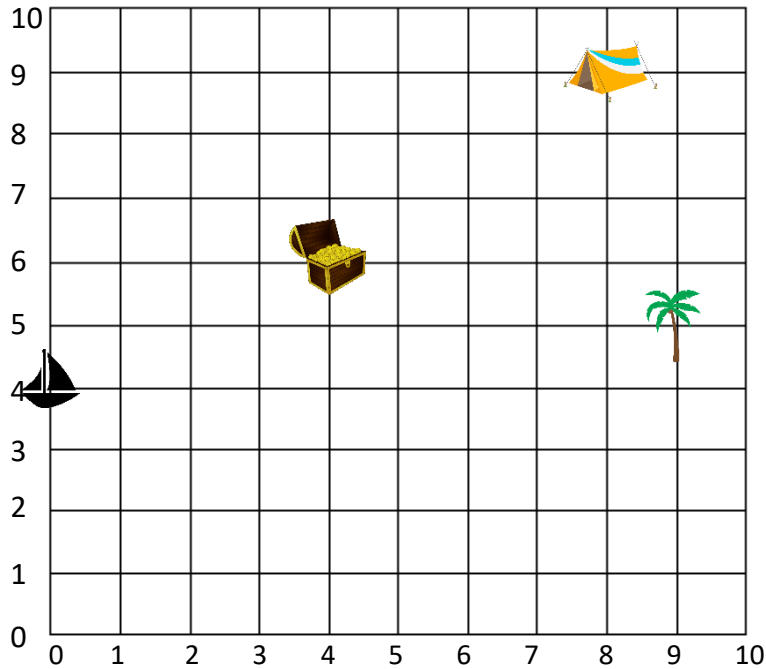
c.) I pick up my tent and move 2 squares north, turn 90 degrees clockwise, move 5 squares forward then turn 45 degrees clockwise then move forward 1. Where will my tent now be?

State the grid reference.

1

3

I can use co-ordinates on a grid to identify and plot location



a.) What are the coordinates of these pictures:

Tent = _____

Palm Tree = _____

Boat = _____

Chest = _____

4

b.) Draw a coloured dot at each coordinate:

Red = (4,1)

Yellow (7, 3)

Blue (1, 9)

Green (8, 0)

4