

To be able to describe positions in the first quadrant

MathShed

Starter:
 Many people use the phrase "Go along the corridor and up the stairs" to help them remember how to read or plot coordinates.
 Using your own words, or using some of the words below, write your own saying:

runway tower stream stars
 escalator path sky pavement
 river mountain road steps
 ladder hallway space the ground

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Activity 1:
 Complete the sentences below.

The ship is next to the _____.

The _____ is above the parrot.

The ring has the coordinates (__,__).

The lamp's coordinates are (__,__).

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Activity 2:
 Complete the sentences below.

North America's yellow point is at (__,__).

South America's yellow point is at (__,__).

West Africa's yellow point is at (__,__).

Europe's yellow point is at (__,__).

Asia's yellow point is at (__,__).

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Activity 3:
 Write the coordinates for the points plotted below.

Which plotted point doesn't belong?
 Explain your answer.

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Activity 4:
 Ruth and Jamal have both been plotting points on the grid shown. Guess their points based on the clues given.
 Jamal says, "Both of our points have the same x coordinate."
 Ruth says, "Jamal's y coordinate is greater than mine."
 What are their plot points?
 Explain your answer.

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Evaluation:

The sapphire has the coordinates (5,7).

Do you agree?
 Explain your answer.