

# Year 10 Mathematics Learning Journey: Unit 6 - Angles and Bearings

## Step 7: Bearings and right-angled geometry

A ship sails for 80km on a bearing of  $065^{\circ}$ . Calculate how far east the ship has travelled.

## Step 6: Bearings with angle rules

The bearing of G from H is  $110^{\circ}$ . Draw a diagram to help you find the bearing of H from G.

## Step 4: Measure and read bearings

Is the bearing of A from B the same as the bearing of B from A?

## Step 3: Understand and represent bearings

Is it possible to have a bearing of  $400^{\circ}$ ?

## Step 5: Scale drawings using bearings

Why is a scale represented as a ratio?

## Step 2 (R): Draw / Interpret scale diagrams

Which is more detailed, a 1 : 25 000 map or a 1 : 50 000 map?

## Step 1 (R): Angles and compass points

What does due East mean?



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