



Knowledge Bank: Year 5 geography – Alchemy Island

Key Question: In which kingdom of Alchemy Island would you most like to live, based on its geography?

Key Vocabulary:

key	A guide to symbols that are used on a map.
Eastings	Eastings are the numbers than run from left to right on the map.
Northings	Northings run from south to north.
contours	Lines on a map that show how steep hills or valleys are and the shape of hills or valleys.
coordinates	a reference number system used to locate places on a map.

What I should already know:

KS1:

- The simple compass points are, North, East, South and West.
- Basic symbols are used to represent locations on a map.
- A key is provided on a map in order to interpret the symbols that have been used

KS2:

- Coordinates are used to locate places on a map.
- Human features are landmarks that are man made such as houses, roads and bridges.
- Physical features are components of the landscape that would be in the world even if there were no people such as seas, mountains

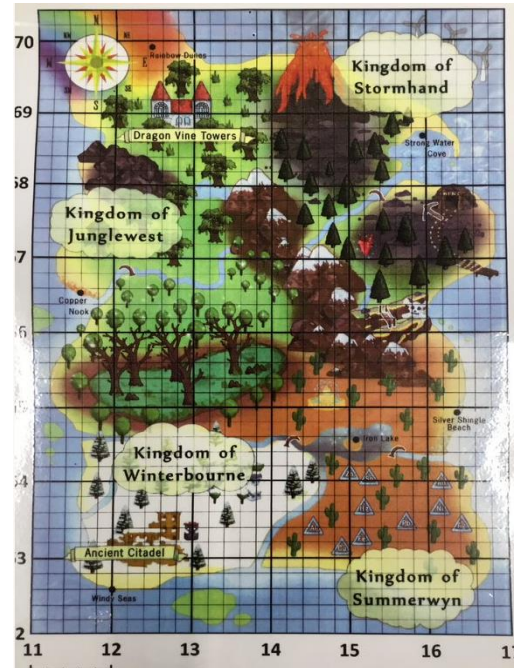


Shallow slope
Contours further apart

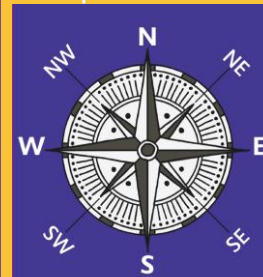
Steeper slope
Contours closer together

Steep slope
Tightly packed contours

Maps:



Compasses:



Points of the Compass:

North (*Naughty*)
East (*Elephants*)
South (*Squirt*)
West (*Water*)

Key Facts:

Four Figure Grid References:

Using the 2 digits of the easting and the 2 digits of the northing creates a four-figure grid reference. This is the reference for the bottom left corner of a square on the map.

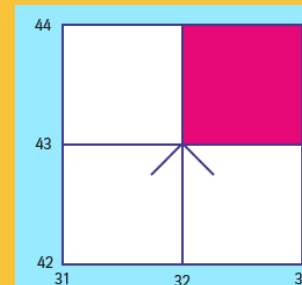
Six Figure grid References:

We can make our references even more precise by adding an extra number to both the easting and northing. This helps us to work out whereabouts in the square the feature you are looking for is.

8 points on a compass: North, North East, South East, East, South, South West, West, North West.

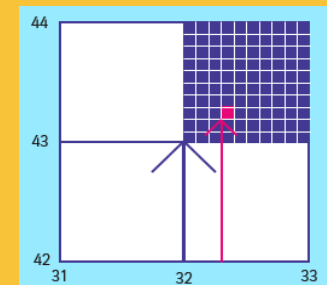
Diagrams:

Four Figure Grid References



(32,43)

Six Figure Grid References



(324,433)