



Y6 Transition Booklet

Geography



Instructions: The geography department is looking forward to meeting you in September. In the meantime, we would like you to have a go at the activities in this booklet. You can complete as many activities as you like at your own pace and we don't mind if you do this on paper, a printed booklet or if you want to work on a computer. When we meet you in September, we will be giving out reward points for completed activities. The more completed activities, the more reward points you will get!

Who are the geography department?

Ms Cook
(Head of Geography)



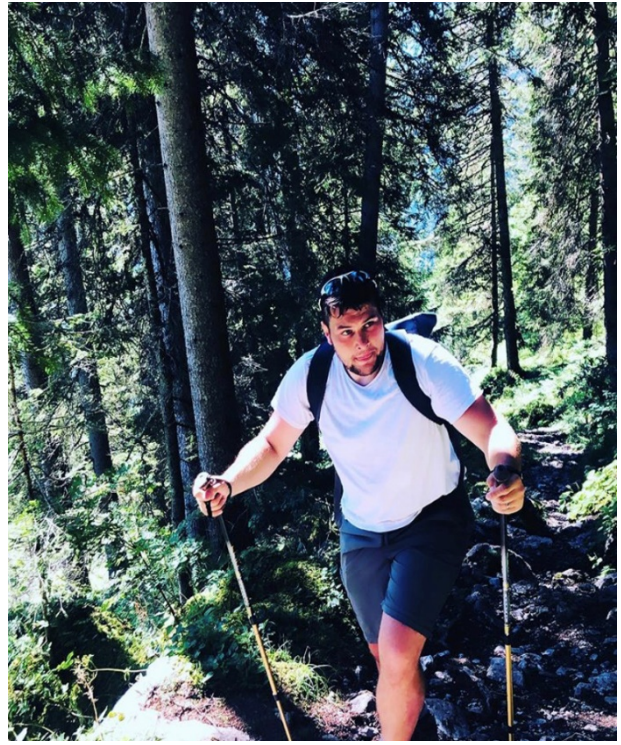
Miss Richardson
(Supporting Leader of Geography)



Miss Bishop



Mr Chambers



Mr Lovatt



Mr Needham



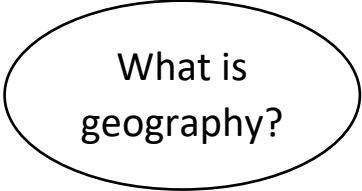
Miss Thomas

Activity I – What is geography?

Watch the video link below and then create a spider diagram using images to show what the study of Geography is about.

Video Link (copy and paste link!):

<https://www.youtube.com/watch?v=SM4Q4yuSUPk>.



What is
geography?

Activity 2 – What is geography?

Geography comes from the ancient Greek word 'geos'. This is the study of the world. There are three different parts of Geography that we study:

- Physical Geography which is the study of things that humans have no control over such as weather or earthquakes.
- Human Geography which is the study of how human beings have affected the earth's surface such as cities or transport.
- Environmental Geography is the study of how humans have affected the environment. This can be in both positive and negative ways such as planting trees or causing global warming.

Complete the table above by adding examples of physical, human and environmental Geography.

Physical	Human	Environmental
Volcano	Roads	Global Warming

Activity 3 – The compass

A compass is an important tool for map readers. It tells you which way is north and where to find east, south and west. Together, these are known as the four cardinal points of the compass. However, there are four other points of the compass. These fall between the four cardinal points of the compass. These are known as ordinal points of the compass.

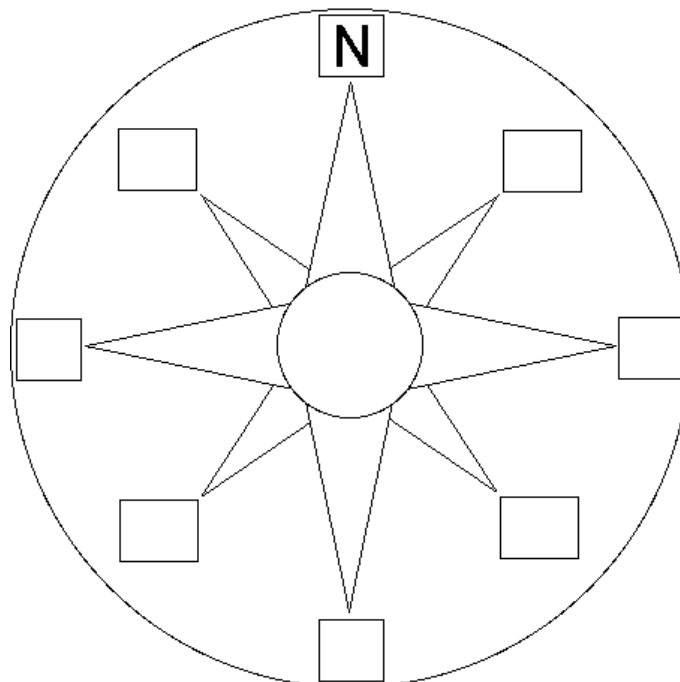
Answer these questions below:

1. What is a compass?

2. What is a compass used for?

3. Name a device on which a compass can be found.

Complete the eight points on the compass below.



Activity 4 – The compass

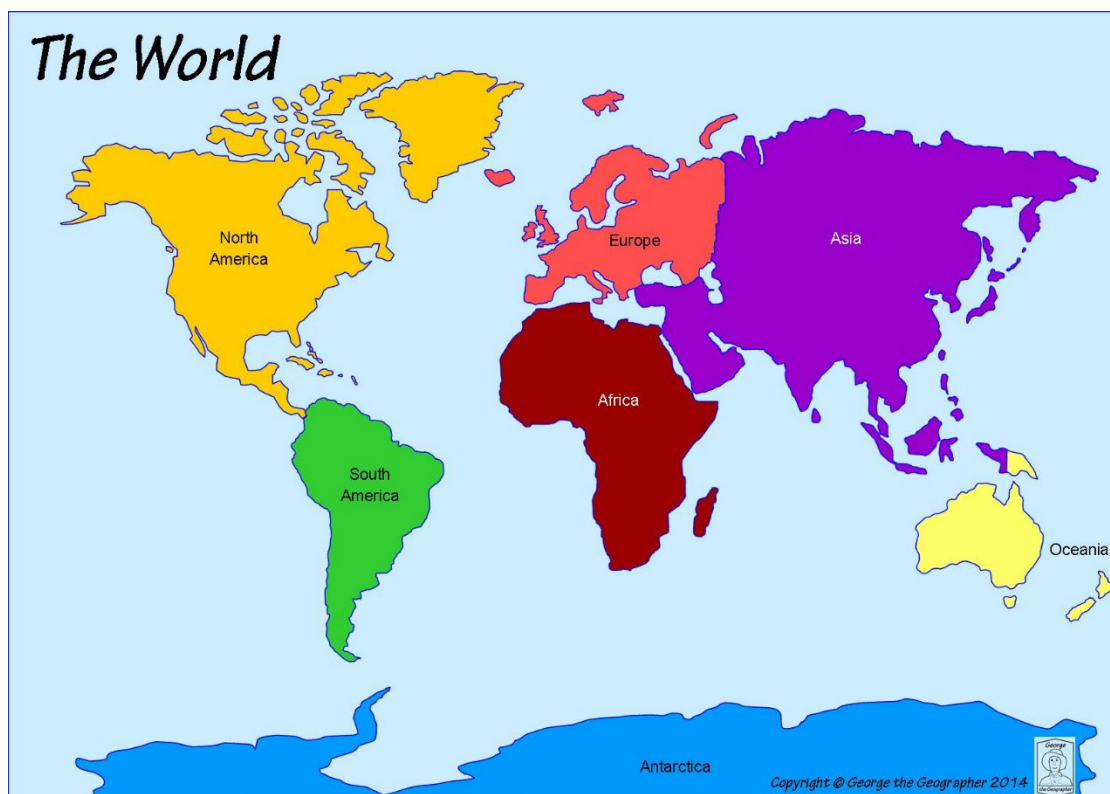
Use the eight-point compass to give detailed directions to the questions below:

1. What direction do I need to travel from Oceania to Asia?

2. What direction do I need to travel from Africa to South America?

3. What direction do I need to travel from Africa to Europe?

4. What direction do I need to travel from Antarctica to Asia?



Activity 5 – Map Symbols

A map is a representation of places which can show Physical or Human Geography. Maps were often on paper however now maps are electronic and can be used on phones and tablets. All maps use symbols. Symbols are used so we can show different features on maps. Map symbols are the same on all maps.

Answer these questions below:

1. What is a map symbol?

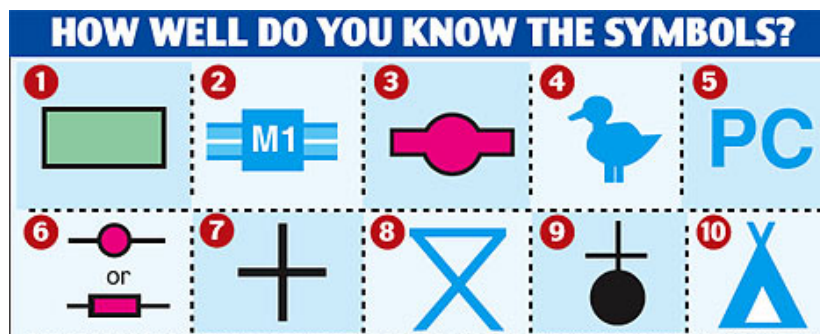
2. What are map symbols used for?

3. Why are map symbols used?

4. Are map symbols used on all maps?

5. How has the presentation of maps changed over recent years?

Challenge: can you identify another 10 symbols?



Identify the map symbols shown above:

- | | |
|----|-----|
| 1. | 6. |
| 2. | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 10. |

Activity 6 – Map Symbols

The map below which shows a section of an Ordnance Survey map of Keswick.

Ordnance Survey are the UK's official map makers.



Study the Ordnance Survey map of Keswick. What do the following symbols mean?

1. The blue letter 'P'

2. The blue caravan

3. The black plus sign

4. The brown leaf

5. The yellow road

6. The letters 'PC'

What evidence can you find on the map to show that Keswick gets lots of tourists?

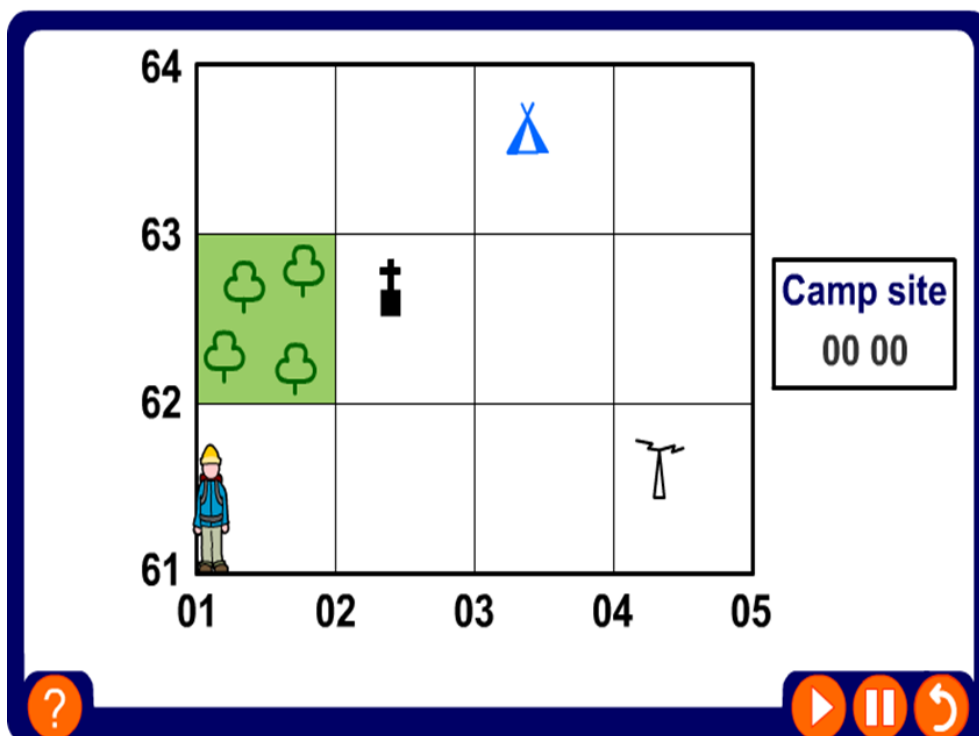
Grid References

All maps have lines which go up them and across them. These lines create a grid on the map. Lines which go across the map are known as **Eastings**. Lines which go up the map are known as **Northings**. These lines all have numbers. This means that every square on the map has its own unique number. This allows us to locate things on a map easily. To locate something on a map you must use the Easting number first.

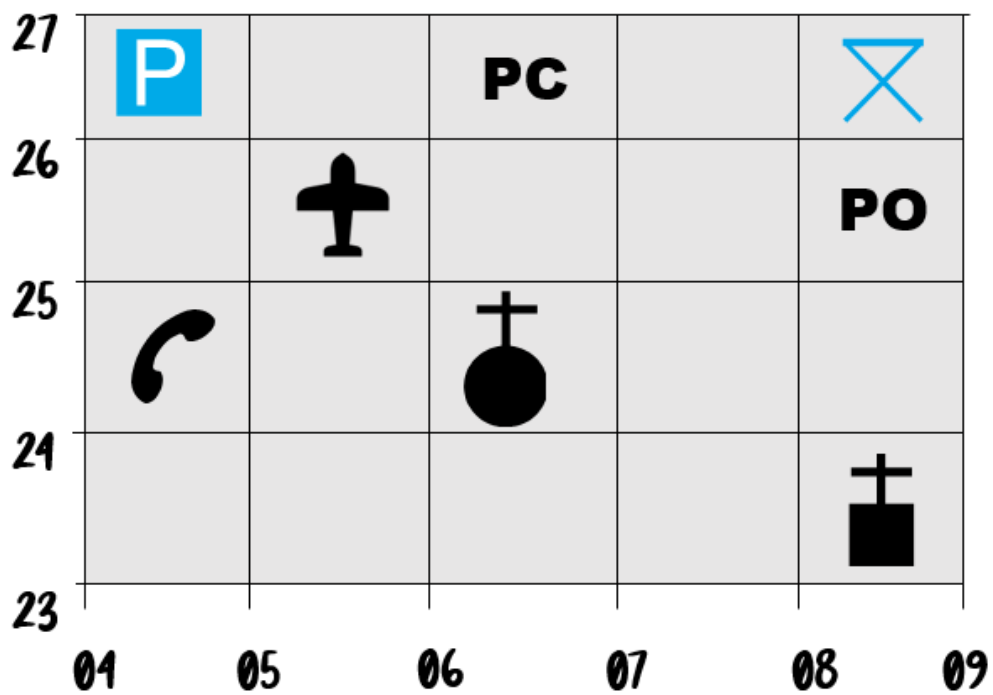
We remember this by the phrase **along the corridor and then up the stairs**.

Let's have a look at how this works. We will find the four figure grid square for the church with a tower.

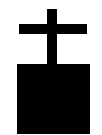
- Firstly, go along the Easting line and write down the number of the square. In this case it is **02**.
- Now go up the Northings and write down the number of the square. In this case it is **62**.
- Combine the two sets of numbers to give the four figure grid square.
- The grid square for the church with a tower is **02,62**



Activity 7 – Grid References

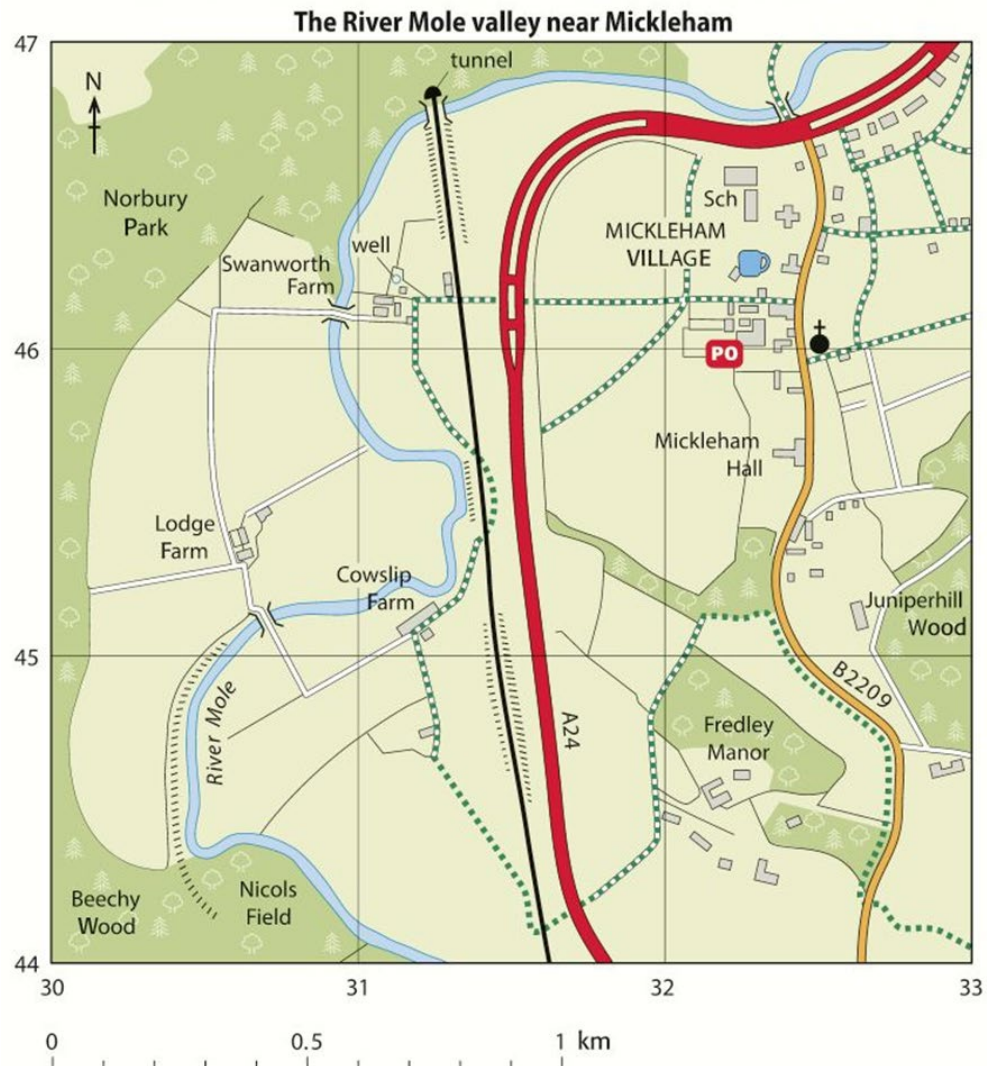


Give the correct grid reference for the following map symbols:



PC

Activity 8 – Grid References



Choose the correct answer by using the map extract to give the correct four figure grid reference for:

The School: A) 3246 B) 3346 C) 3145

The Lodge Farm: A) 3044 B) 3045 C) 3046

Fredley Manor: A) 3144 B) 3244 C) 3245

Cowslip Farm: A) 3145 B) 3146 C) 3245

The Well: A) 3045 B) 3344 C) 3146
















Grid References

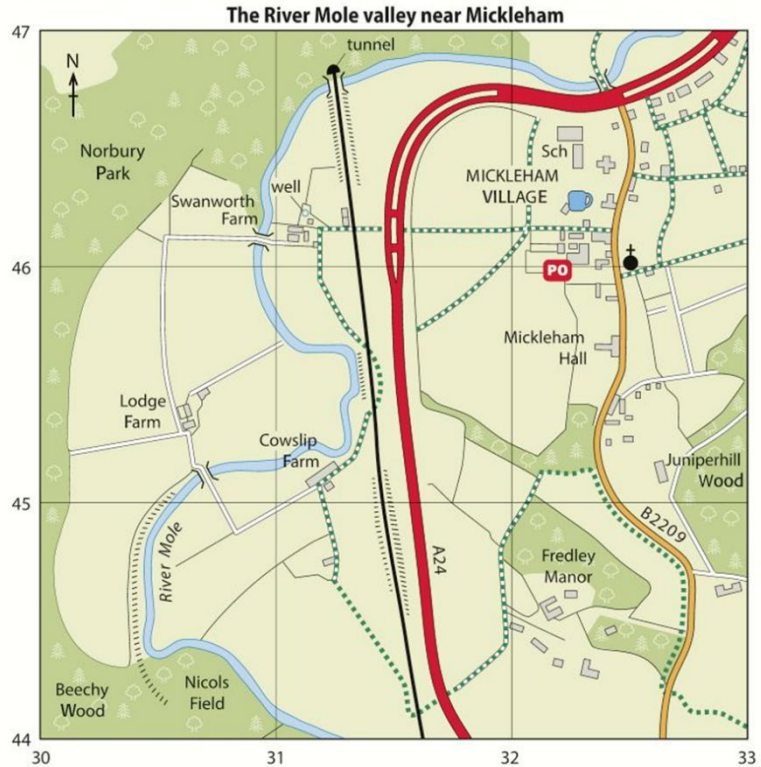
A map of the same place

This is a map of the same place.
Like all good maps, it has:

- ♦ a title
- ♦ a frame around it
- ♦ an arrow to show north
- ♦ a scale
- ♦ a key.

The map has **grid lines** too. And this time each has a number. (So that's different from map **D** on page 31.)

Key	
	river
	railway
	main road
	secondary road
	track/drive
	public path
	raised bank (embankment)
	bridge
	church
	pub
	post office
	school
	buildings
	woods
	fields



Here is an OS map of the same place as the aerial photograph was taken. The map has far more detail on it.

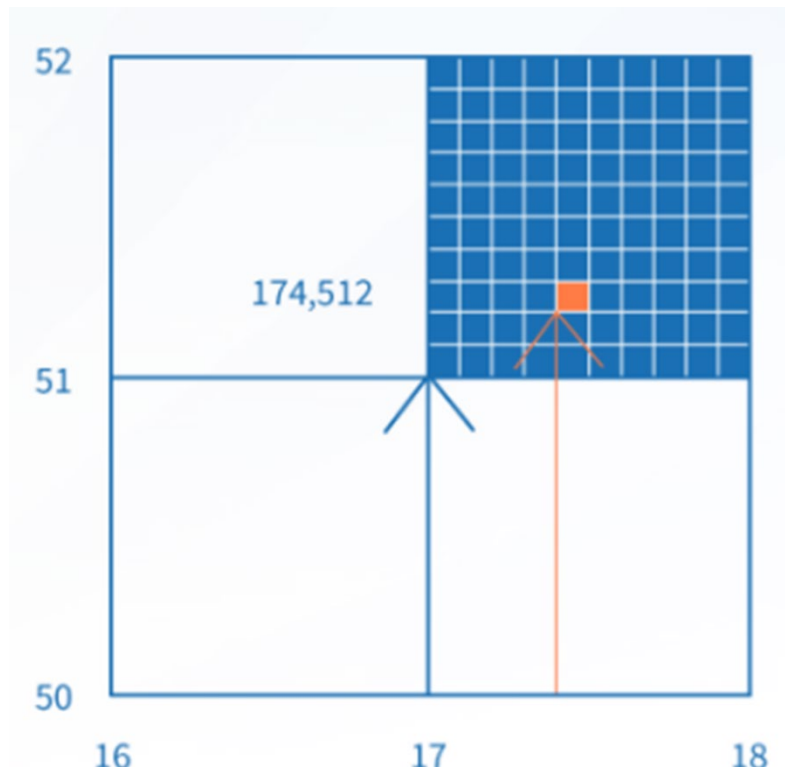
Give the four figure grid reference for the school in Mickleham village.

This is a simple task. The answer is 32,46.

Each of the grid squares on this map are 4km². This is a large area and may cause problems.

Imagine a child is injured at the school and an air ambulance helicopter is searching for the school in this large area.

- How might this be a problem
- How could we give the pilot a more accurate set of grid references to help locate the school more quickly?



The answer is by using adding one number to each of the sets of coordinates. This gives us six figure grid references.

If we need to be more accurate with the grid references we give. By dividing each grid square by ten vertically and horizontally the square now been to divided into one hundred smaller squares.

By adding an extra number (between 1 and 10) to the easting and the northing, you'll come up with a six-figure reference that pinpoints a place to within 100 metres on the map.

So the four figure grid reference for the blue square is 17, 51.

Now to pinpoint the orange square we add a number (digit) to each set of coordinates.

Use the Eastings first. (along the corridor)

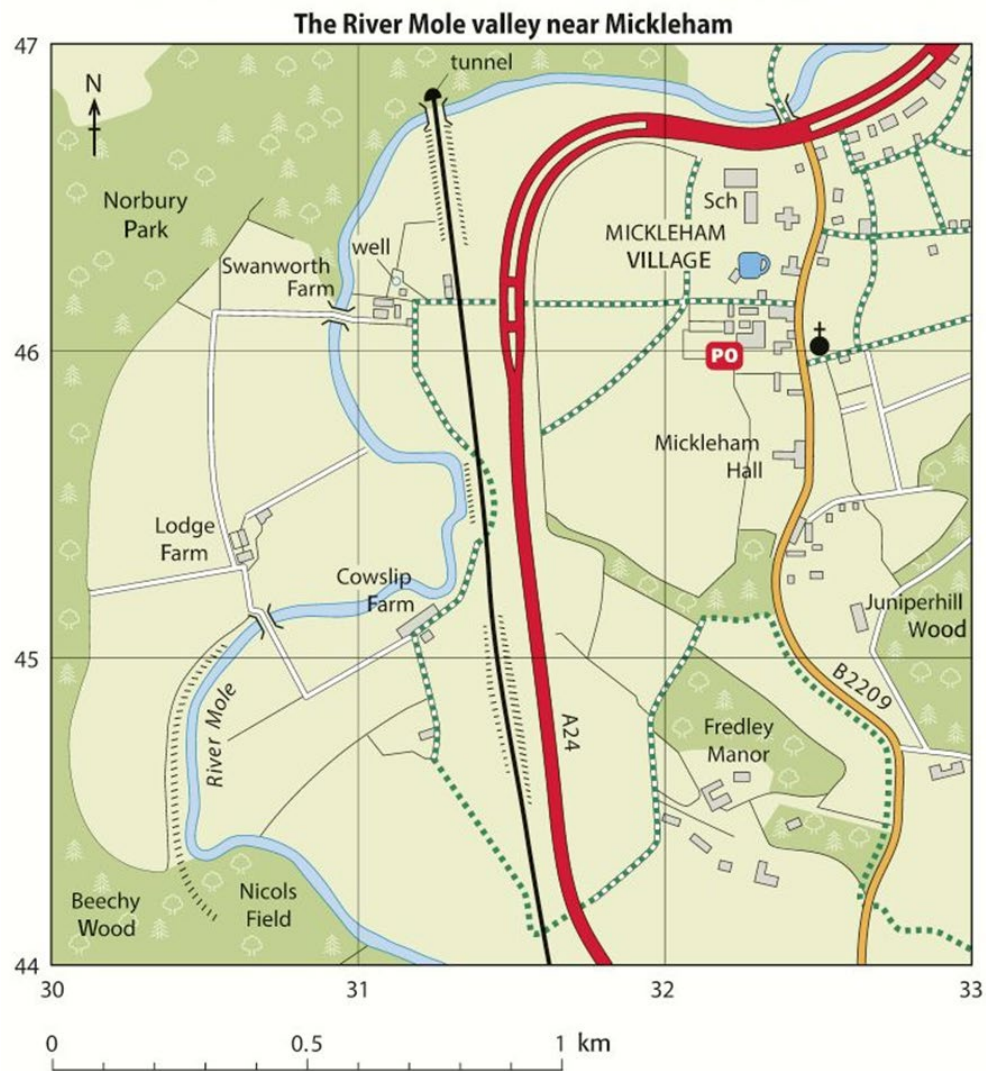
174

Now the Northings. (up the stairs)

512

So the six figure grid reference is 174,512

Activity 9 – Grid References



Give the six figure grid references for:

1. School at Mickleham village: _____
2. Lodge Farm; _____
3. The bridge south of Lodge Farm: _____
4. The church in Mickleham; _____
5. The tunnel south east of Mickleham; _____

Activity 10 – Thailand

You will study countries in lots of detail when you start Geography in secondary school. Here is a taste of what it will be like and these are known as examples or case studies. The example country will be Thailand.



Study the map of Thailand and neighbouring countries and answer the questions below:

1. Which countries border Thailand?

2. What is the capital of Thailand?

3. Is Thailand land-locked?

4. Name the seas and oceans surrounding Thailand.

5. Which continent does Thailand belong to?

Challenge: Can you research the population and currency used in Thailand? How would this impact tourism?

Watch the video links shown above and research about Thailand. Then think about and answer the following questions. You may use imagery to explain your answers.

Video Link (copy and paste link!):

<https://www.youtube.com/watch?v=Kjuuq-jWJ5c>

<https://www.youtube.com/watch?v=8ik4dY9viNk>

<https://www.youtube.com/watch?v=bXMEAsBDIBg>

1. What can you tell me about the life of the people who live in Thailand?

2. What differences do you notice between Thailand and the UK? Think about your local area where you live.

3. How does the culture of Thailand differ to the UK? Can you give any examples?
