



MAP MAKING

Have you ever looked at different types of maps?
Let's try making a map of our own...

When you are working on this project, you will:

- Understand what maps are and why people make them,
- Discover different types of maps and how information is shown on them,
- Make a map of a bedroom, home, town, city or country!

The first known maps show the stars, not the earth. The Lascaux cave paintings show the positions of stars in the night sky.

People who make maps are called cartographers. Maps used to be drawn by hand, but most printed maps are now made using computers.

There are different ways of showing the curved 3D surface of the earth on a 2D printed map. These are called projections.

This pack includes:

- Examples of different types of maps to look at,
- Information about the kinds of information shown on maps,
- Templates to help you create your own maps.

If you enjoy this project, why not...?

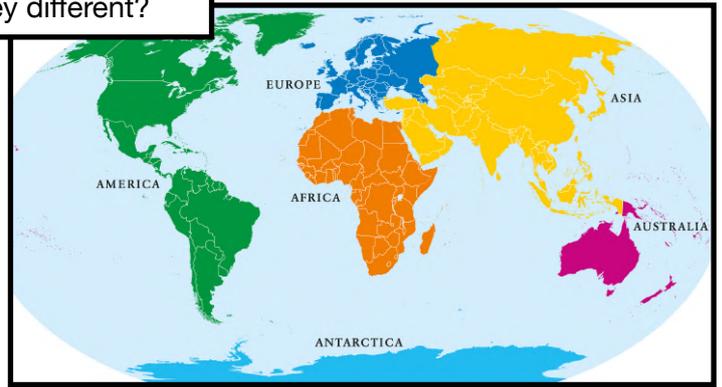
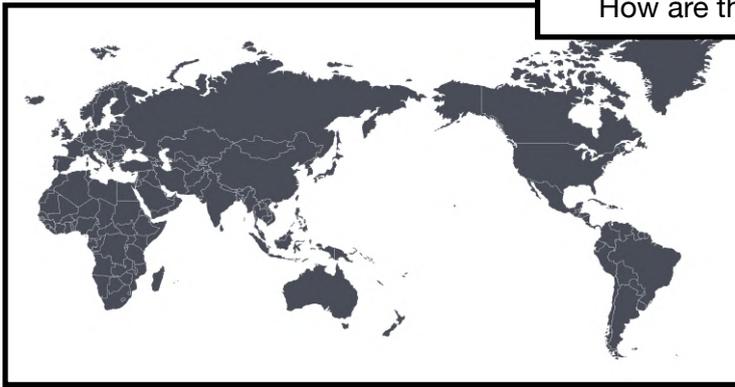
- Use tools like Google Maps or Apple Maps to compare places in your local area with other parts of the world. How are they similar / different?
- Hide some 'treasure' somewhere and make a map to help a friend or family member find where it is!
- Use play dough or building blocks to create a 3D map of an area.



A map is a picture of an area. We can use maps to learn about places and find our way around. Here are some examples:

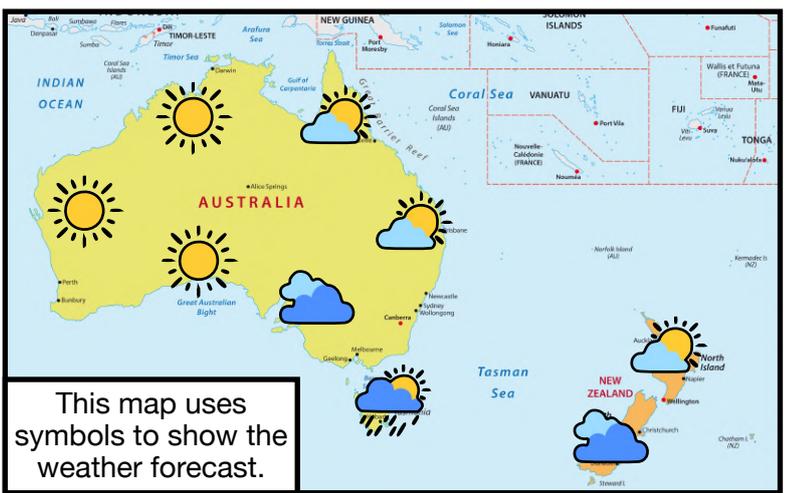


These maps all show the world. How are they different?



This map of France uses colours to show the height of different places.

This street map shows the route from one place to another.



This picture shows the 'plan view' of a home.

This map uses symbols to show the weather forecast.

Maps use colours, shapes, symbols, labels and keys to show different types of information. Here is a map of a fictional town.

Labels show the names of streets, buildings and other important places.

On this map, large roads are shown in yellow and smaller streets are white. Other maps might show train lines, footpaths and more.

A compass tells us which way is north.



This scale tells us that every 2cm on the map represents 100 metres in the real town.

Different symbols are shown on the map. This key tells us what each symbol represents.

Some parts of the map have different colours. Can you tell what the green, blue and grey colours represent?

Now, use the templates on the following pages to make your own map.

Could you make a map to show:

- The layout of your bedroom?
- The rooms in your home?
- The streets in your local area?
- The towns and cities in your country?

Remember to use some of the above features on your own map!

