

Glossary

Settlement	A place where people have recently settled.
Economy	The way money is made and spent.
Export	Something that is sent to another place to be sold.
Import	Something that is brought in from another place.
Industry	A group of businesses that make or sell similar products or perform similar services.
Climate	The average measurements of temperature, wind, humidity, snow, and rain in a place over the course of years.
Upland	High land
Topographic map	A map that shows the physical features of a land.
Ordnance survey	An organisation that creates maps of Great Britain.

Our Local Area (Bolton)

What are some key areas in Bolton?



Middlebrook
Rivington
Queens Park
Bolton One
Horwich
Deane

Climate in Bolton

How is the climate different in Bolton, UK and Cancun, Mexico? (Consider climate zones)

Cancun has a tropical climate and is warm all year round with wet and dry seasons whereas Bolton has a temperate climate, meaning cool, wet winters and warm, wet summers.

Why do you think there are these differences?

Cancun is nearer the Equator than Bolton.

Is the temperature the same everywhere in the UK?

Why/why not?

The temperature is warmer in the South of the UK because it is nearer to the Equator.

Land Uses and settlements

Can you name any types of settlement?

- Hamlet
- Village
- Town
- City

What is the land in the local area used for?

- Houses, schools, places of worship, parks, libraries, shops

Could the local area be improved by changing the land use? Who might not welcome these changes?

A library would improve the local area but, unfortunately, this would take up land of something else so this would make some local people who use this land unhappy.

River Douglas



What do you know about the River Douglas?

It is a river that flows through Lancashire and Greater Manchester in the north-west of England. It is part of the larger river known as the River Ribble.

Rivington Pike



Which mountain range is Rivington Pike part of? West Pennine Moors

Nearest towns: Adlington and Horwich

Highest point: 363m

How does Rivington Pike help bring in revenue to the local area?

People visit Rivington Pike to go on walks, which is free, but they then spend money in local cafes and shops which brings in money to the local area.

Y6 Autumn 1 Topic: Animals (including humans)

<i>Scientific Vocabulary:</i>	<i>Definition:</i>
<i>circulatory system</i>	<i>A system which includes the heart, veins, arteries and blood transporting substances around the body</i>
<i>heart</i>	<i>An organ which constantly pumps blood around the circulatory system</i>
<i>blood vessels</i>	<i>The tube-like structures that carry blood through the tissues and organs. Veins, arteries and capillaries are the three types of blood vessels</i>
<i>oxygenated blood</i>	<i>Oxygenated blood has more oxygen. It is pumped from the heart to the rest of the body</i>
<i>deoxygenated blood</i>	<i>Deoxygenated blood is blood where most of the oxygen has already been transferred to the rest of the body.</i>
<i>drug</i>	<i>A substance containing natural or man-made chemicals that has an effect on your body when it enters your system</i>
<i>alcohol</i>	<i>A drug produced from grains, fruits or vegetables when they are put through a process called fermentation</i>
<i>nutrients</i>	<i>Substances that animals need to stay alive and healthy</i>

More important facts I have discovered through my own research:

What are the functions of the parts of the circulatory system?

The function of the heart is to pump blood to the lungs to get oxygen before returning it to the heart to be pumped around the body

The function of the lungs is to take oxygen from the air and send it to the blood. Carbon dioxide is taken out of the blood and put back into the air (by breathing out)

The function of the blood vessel is to carry blood through the tissues and organs. Veins, arteries and capillaries are the three types of blood vessels.

The function of the blood is to transport: gases (mostly oxygen and carbon dioxide), nutrients (including water) and waste products.

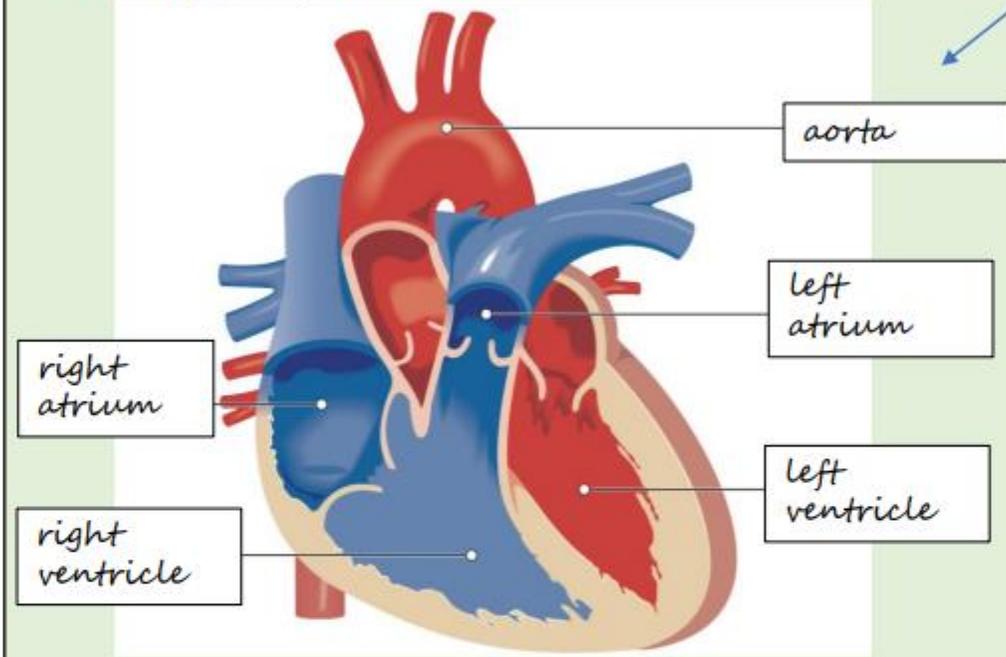
How can we achieve a healthy lifestyle?

What should we avoid? What do we need?

Eat a healthy diet, which involves eating the right type of nutrients in the right amounts. Exercise regularly. Avoid drugs, alcohol and smoking as they have negative effects on the body.

Animals, including humans

Label the parts of the heart



Key words:

- aorta left atrium left ventricle
 right ventricle right atrium

What does the red represent?	Oxygenated blood
What does the blue represent?	Deoxygenated blood

What are the benefits of regular exercise?

Regular exercise:

- strengthens muscles including the heart muscle;
- improves circulation;
- increases the amount of oxygen around the body;
- releases brain chemicals which help you feel calm and relaxed;
- helps you sleep more easily;
- strengthens bones;
- can even stop us from getting ill.

