



**Year: 6**  
**Term: Autumn 1**

## All About Blood

### Background Information

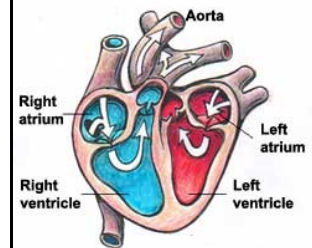
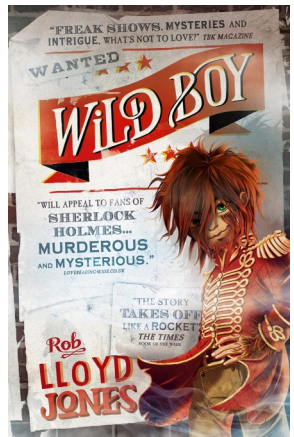
During Autumn 1, children will be learning all about The Great Plague which broke out in London in 1665. In year 6, we will be learning all about the causes of the plague and all of the strange and fascinating ways doctors at the time tried to cure it. This will link with our science, where we will be learning all about blood and the human circulatory system. We will learn about what blood is, what it is for and how it helps our bodies function.

### Key Vocabulary

Word	Meaning
Circulatory system	A network that carries blood around our bodies
Heart	The organ that pumps blood around the circulatory system
Blood vessels	A tubular structure that carries blood.
Veins	Mostly carries deoxygenated blood back to the heart.
Arteries	Mostly carries oxygenated blood from the heart around the body.
Oxygenated blood	Blood that is high in oxygen.
Deoxygenated blood	Blood that is low in oxygen.
Exercise	Activity that requires physical effort and increases heart rate.
Respiration	The action of breathing.

### Killer Facts!

- The circulatory system transports blood around our bodies.
- The blood transports water and nutrients to the organs in our bodies.
- Blood is made up of white blood cells, red blood cells and platelets. These are carried through veins, arteries and capillaries.
- What we eat has an impact upon the effectiveness of the human body.
- The plague was not a disease of poverty, it affected the whole feudal system.
- Medicine was very different and plague doctors tried the cure the disease in many strange and intriguing ways.
- The Great Plague arrived in England with merchant (trade) ships travelling from port to port. The plague had convenient means of travelling between cities and countries including rodents and lice!



### Timeline

1348	1350	1518	1665	November 1666	1666	1666
First outbreak of the plague	Millions of English people had died.	Regulations to stop the plague	Outbreak of the Plague in London	The Plague Village of Eyam	London was considered safe	The Great Fire of London