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## Y6 Project 1 Learning Journey: Blood Heart

*Crimson, scarlet, burgundy, cherry. Blood flows through our bodies in all its vibrant shades of red. Let's explore our circulation system. Now, surgeons, don't be squeamish as we dissect an animal heart and examine the veins, arteries and chambers up close. They all work hard to move blood around our bodies. William Harvey was fascinated with anatomy, and made ground-breaking discoveries about valves. I wonder what we might uncover? Why do people give blood? Find out how to keep your heart happy with cardiovascular exercise and healthy food. Kickstart a campaign to spread the word about the damage caused to the lungs and heart by smoking. Hearts pound, flutter and maybe skip a beat. What makes your heart race? Is it a secret? Cross my heart, I won't tell.*

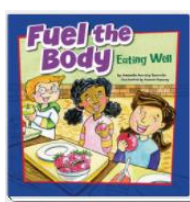
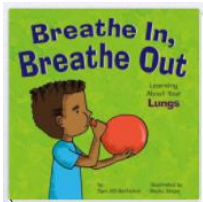
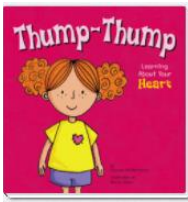
### Subject coverage

<b>English</b>	<b>Maths</b>	<b>Science</b>
Class read: Pig Heart Boy	Place value, four operations and number properties Improving rapid recall with accuracy	The circulatory system, the impact of lifestyle and how nutrients are transported around the body
<b>History</b>	<b>Computing</b>	<b>Art &amp; design</b>
Black History (in recognition of Black History Month)	Digital literacy – Microsoft Publisher  Online safety rules	Observational drawing of facial features  Clay sculpture of a facial feature
<b>PSHE</b>	<b>Design technology</b>	<b>PE</b>
Being me in my world: How do my choices affect my immediate community and the global community?	Design and make a homemade stethoscope	REAL PE
<b>French</b>	<b>RE</b>	<b>Dance</b>
Revision of: Regular Verbs, irregular verbs, en classe, au café, quell temps fait-il?	Can Christian Aid and Islamic Relief change the world?	Rhythm and pulse dance – replicating the movements of the circulatory system

Please see the knowledge organiser sent with this document to find out what skills, knowledge and understanding your child is expected to have by the end of the project.

## **Suggested reads**

MyOn is packed with fantastic non-fiction texts with many linked to our learning throughout this project. Here are some recommended reads:



Or why not pop along to your local library and see what books they have about the circulatory system and leading a healthy lifestyle? Here are some recommended reads:

- Bodies: The whole blood-pumping story by Glenn Murphy
- The Heart & the Bottle by Oliver Jeffers
- The Circulatory System: Where do I get my energy? by Chris Oxlade
- Heart & Lungs by Andrew Solway
- Your Heart & Lungs by Sally Hewitt
- Food & Eating (Healthy for life) by Anna Claybourne
- Keeping Fit (Healthy for life) by Anna Claybourne

## **Optional home learning challenges**

If after completing their reading, spelling practice, arithmetic homework and TT Rock Stars games, your child would like to complete additional home learning challenges, here are some ideas of projects they could attempt and bring in to share with their class teacher for *bonus merits*.

- Draw and label a diagram of the heart. Write a short paragraph to describe how it works.
- Find out about the components and functions of blood by reading non-fiction books, watching animations and visiting useful websites. Jot notes below, then write a short non-chronological report about the function of blood.
- Find out how to keep your heart healthy. Write a set of instructions for an adult audience explaining how they can keep their heart healthy. Visit the British Heart Foundation website for useful information.
- Design a cardiovascular workout for you and your family. Draft a plan and invite everyone to join in, then ask them to evaluate your routine.
- This is William Harvey. Find out who he is and why he is significant. Write a short profile about him and his work.
- Draw a flow diagram to illustrate the circulatory system, adding notes to explain each stage of the process.
- Read the final two verses of the John Donne poem, The Broken Heart (search for it online). Ask an adult to discuss the meaning of the poem with you and rewrite the poem in modern language.

## **Useful websites**

- British Heart Foundation – How a healthy heart works
- BBC Bitesize – The heart and how it works
- DKfindout! – The heart
- Luminarium – The Broken Heart by John Donne
- NHS – How do I check my pulse?
- BBC History – William Harvey

## **Useful information**

- PE kits need to be brought to school every Monday and will be sent home every Friday. Y6 are scheduled to do PE on Mondays and Wednesdays, but this can change without notice so please ensure your child has their full PE kit in school every day.
- To keep hydrated, pupils require a water bottle in school each day please. They will be reminded to take it home each afternoon for a wash.
- Year 6 will begin to receive weekly arithmetic home learning shortly. This will usually be sent home with them in their maths home learning book and will also be uploaded to Teams in case they lose the paper copy that we give them.
- The photographer is in school on Tuesday 14th September to take individual pupil photos