

# Chacewater School – LEAP into Learning

Term: Autumn 1

Class: Y6 Mighty Oaks

Theme: Have a Heart

**The Circulatory System**

On this page you will find an outline of our learning this half term.

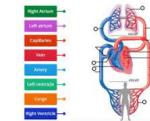
## Mathematics: Place Value and Number

- read, write, order and compare numbers up to 10,000,000
- rounding numbers and negative numbers
- identify common factors, common multiples and prime numbers
- mental calculations, including with mixed operations and large numbers
- Formal calculation methods for addition, subtraction, multiplication and division (including long multiplication and short division)
- use their knowledge of the order of operations to carry out calculations involving the 4 operations

## Science:

### **What is the purpose of the circulatory system?**

- Name the parts of the circulatory system in humans
- Describe the simple functions of the circulatory system
- Understand how water and nutrients are transported around the body
- Understand the impact of drugs and alcohol
- Identify key factors for a healthy lifestyle
- Understand the impact of exercise on heart rate
- Identify the causes of heart disease and what we can do to minimise risk



## Computing: Computing systems and networks: Internet Communication

- Understand how the internet facilitates online communication and collaboration.
- Explain which types of media can be shared through the internet (public and private) and decide what you should/should not share online.

## English

Reading: **The Witches** by Roahl Dahl



Writing:

### **Persuasive Letter**

write a persuasive letter to help raise money for the BHF

- Skills: rhetorical questions; modal verbs; emotive language; links between and within paragraphs; persuasive devices; dashes and commas.

### **Explanation Text**

explain the purpose and role of blood in the circulatory system

- Skills: sub-headings; bullet points; brackets; dash; colon to introduce a list; semi-colon to separate items in a list; technical vocabulary; rhetorical questions and causal conjunctions

## P.E:

● **Rugby:** Cornwall Pirates Primary Programme

●



## Religious Education: Why do Hindus want to be good?

- Identify and explain Hindu beliefs
- Make clear connections between Hindu beliefs about dharma, karma, samsara and moksha and ways in which Hindus live
- Make connections between Hindu beliefs studied and explain how and why they are important to Hindus

## RHSE: Healthy and Happy Friendships

- Know how relationships evolve as we grow, and how to cope with a wider range of emotions: personal safety, relationships and change, wider emotions.

## Art: anatomical drawing

- a variety of portraits in different mediums (pencil, chalk, charcoal)
- a variety of styles, including a distorted self-portrait (Pablo Picasso)



# Chacewater School – LEAP into Learning HOME LEARNING

Term: Autumn 1

Class: Y6 Mighty Oaks

Theme: **Have a Heart**  
The purpose of the circulatory system

Alongside regular reading, spelling and maths home learning choose at least one of the following to complete over this half term. You might even be inspired and choose more than one!

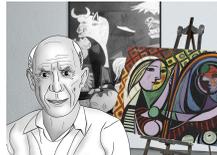
### English/Computing

Create a fact file/powerpoint about the British Heart Foundation



### Art

Research artwork by Pablo Picasso and create a picture based on his work



### REAL PE @ HOME

<https://app.realpe.co.uk>  
Username: mightyoaks1234  
Password: real5201  
Focus on FUNS:  
static balance & footwork

### Science

<https://www.youtube.com/watch?v=xUdSashz-sY>  
<https://www.youtube.com/watch?v=tqMBLWABMAE>  
<https://www.youtube.com/watch?v=kM2IIICPK>

Have a go at making a model of a heart.

### Science/PE

Design a fitness workout to keep all our hearts healthy

#### THE PYRAMID WORKOUT ...FOR KIDS!

- 20 Jumping Jacks
- 15 Frog Jumps
- 10 Push-Ups
- 5 Walking Lunges
- 10 Push-Ups
- 15 Frog Jumps
- 20 Jumping Jacks

### Wild Card

Choose anything you would like linked to our topic



### English/Music and Performance

Create a song, poem or a rap all about keeping healthy

### Physical Activity

The heart pumps about 1.3 gallons per minute. Think you can keep up? Fill a container with water, then set a timer. Use a small cup to scoop water into another container as fast as you can. Can you beat your own heart?



### Science

Make a playdough circulatory system



