

**WELCOME TO
MIGHTY OAKS!**

OUR TEAM



PE DAYS THIS TERM

MONDAY

FRIDAY

Please can children wear their PE kit to school on these days, with their school jumper over the top.
Trainers must be appropriate.

READING

Autumn 1										
Name:								Range:		
10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	
Start date	Title							Quiz score		

Children should read at home for at least 25 minutes daily (building up to 30 minutes towards the end of the year) as part of their homework. Children on AR will be able to quiz and change their books at least 3 times per week.

ACCELERATED READER

The children take a star reader assessment every half term to allow us to keep track of their reading growth. The children are then given a band range that fits to their reading and **comprehension** skills. However, we also marry this with teacher judgement and sometimes we will be flexible according to each individual child's need.

The love of reading is most important. Please encourage your child to read every night - on their own, to you, to a sibling or pet...whatever gets them reading as much as possible!

SPELLINGS

Our spellings are set on **Monday**, and the test will be on **Friday**.



Activities linked to the weekly spellings will be set on Spelling Shed each week for children to access from home.



This is part of the Year 6 homework, so please try your best to learn these at home as many times as you can.

Maths Fluency

99 Club

Each Friday the children will have a go at the 99 club, which is a good way of helping them become fluent with number skills.

1) $72 \div 9 =$	23) $6 \div 3 =$	45) $8 \times 8 =$
2) $12 \times 2 =$	24) $11 \times 7 =$	46) $21 \div 3 =$
3) $16 \div 4 =$	25) $8 \div 2 =$	47) $9 \times 11 =$
4) $11 \times 12 =$	26) $12 \times 5 =$	48) $6 \times 9 =$
5) $7 \times 9 =$	27) $6 \times 3 =$	49) $3 \times 7 =$
6) $8 \times 6 =$	28) $9 \times 8 =$	50) $4 \times 9 =$
7) $5 \times 9 =$	29) $7 \times 9 =$	51) $48 \div 6 =$
8) $60 \div 5 =$	30) $32 \div 4 =$	52) $6 \times 6 =$
9) $6 \times 4 =$	31) $10 \times 10 =$	53) $12 \times 4 =$
10) $4 \times 7 =$	32) $7 \times 10 =$	54) $6 \times 8 =$
11) $8 \times 5 =$	33) $4 \times 11 =$	55) $24 \div 3 =$
12) $48 \div 4 =$	34) $24 \div 6 =$	56) $63 \div 9 =$
13) $9 \div 3 =$	35) $8 \times 9 =$	57) $54 \div 6 =$
14) $5 \times 8 =$	36) $4 \times 6 =$	58) $4 \times 12 =$
15) $3 \times 9 =$	37) $6 \times 7 =$	59) $8 \times 5 =$
16) $2 \times 1 =$	38) $24 \div 2 =$	60) $7 \times 4 =$
17) $110 \div 10 =$	39) $7 \times 9 =$	61) $55 \div 5 =$
18) $6 \times 4 =$	40) $99 \div 9 =$	62) $9 \times 3 =$
19) $45 \div 5 =$	41) $54 \div 9 =$	63) $36 \div 3 =$
20) $9 \times 8 =$	42) $8 \times 12 =$	64) $6 \times 8 =$
21) $6 \times 12 =$	43) $54 \div 6 =$	65) $11 \times 7 =$
22) $4 \times 7 =$	44) $4 \times 6 =$	66) $12 \times 12 =$

Times-table rock stars



TTRockstars is also part of our home learning and we ask that children log in at home and play for 10 minutes at least once or twice a week. Teachers will monitor each child's time played, current level and correct answers. Certificates will be printed weekly for achievements in these maths games.

Y6 Maths and SPAG homework

- Each Monday, we will set maths and SPAG homework for the children from a SATS practice booklet. This should be handed in on the following Monday.
- If your child requires any help, I am always happy to do so. However, it is best that they come and see me at the beginning of the week so that I can make sure I give them the time they need.

KNOWLEDGE ORGANISER

These can be found on the Mighty Oaks page on the school website.

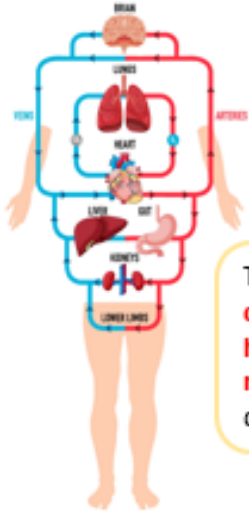
The children will have a knowledge organiser to highlight key information for their main themes – Science, History and Geography.

Chacewater School – LEAP Into Learning – Autumn 1 – Mighty Oaks
SCIENCE: HAVE A HEART - The Circulatory System

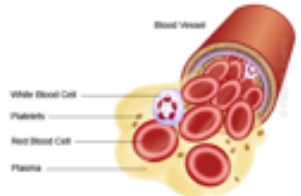
What I might already know - Other systems of the body: skeletal, muscular and digestive

What we will be learning:

HUMAN CIRCULATORY SYSTEM



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



What is **blood** made up of?

How are nutrients and water transported around the body?

It is our **circulatory system** that transports water and nutrients to the rest of our body. This is a system of tubes which carry blood

Does diet, exercise, drugs and lifestyle impact the way our bodies function?

The circulatory system **carries oxygen, nutrients, and hormones to cells**, and **removes waste products**, like carbon dioxide.

The **heart** has **4 chambers**. The heart pumps blood around the body.

Blood which carries oxygen from the lungs into the heart is **oxygenated**.

Blood which has delivered the oxygen to the muscles and goes back into the heart and then lungs, is **deoxygenated**

The **oxygen** in the blood provides **energy** for our bodies. The blood also carries **nutrients** throughout the body.

Key Vocabulary:

heart, blood, oxygen

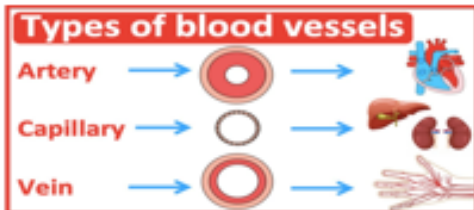
vessels, veins, arteries, valve, respiration, circulatory, platelets, white and red blood cells, plasma

oxygenated, deoxygenated, diffusion, osmosis

Eating the right amount of each food group is called a **balanced diet**. Eating too many sugars and fats and not enough fibre can impact the way our body functions.

Exercise **strengthens** the circulatory system keeping the heart healthy. It can also use up the energy supplied by the food you've eaten.

Types of blood vessels



Artery →





Capillary →

Vein →



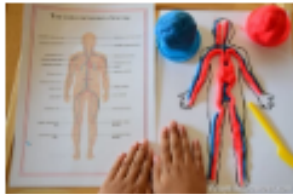
LEAP FOR LEARNING

These can be found on the Mighty Oaks page on the school website.

This breaks down the key teaching points that we will be covering this half term in all subjects.

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.	
<p>Mathematics: Place Value and Number</p> <ul style="list-style-type: none"> 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 	<p>Science:</p> <p>What is the purpose of the circulatory system?</p> <ul style="list-style-type: none"> 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 
<p>English</p> <p>Reading: The Witches by Roahl Dahl</p>  <p>Writing</p>  <p>Text: Anatomy by Hélène Druvert and Jean-Claude Druvert</p> <p>Outcome: To write a page of an information text</p> <p>Text: Beowulf by Kevin Crossley-Holland</p> <p>Outcome: To write a story about overcoming a monster</p> 	<p>PE:</p> <ul style="list-style-type: none"> Rugby Netball <p>Religious Education: Why do Hindus want to be good?</p> <ul style="list-style-type: none"> 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 <p>RHSE: Healthy and Happy Friendships</p> <ul style="list-style-type: none"> Know how relationships evolve as we grow, and how to cope with a wider range of emotions: personal safety, relationships and change, wider emotions. <p>Art:</p>

This is the **voluntary** homework page, where I have suggested some homework ideas to allow them to continue their learning at home.

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!		
<p>English/Computing Create a fact file/powerpoint about the British Heart Foundation</p> 	<p>Art Research artwork by Njideka Akunyili Crosby and create a picture based on her work</p> 	<p>REAL PE @ HOME https://app.realpe.co.uk Username: mightyoaks1234 Password: real5201 Focus on FUNS: static balance & footwork</p>
<p>Science https://www.youtube.com/watch?v=xUdSashz-sY https://www.youtube.com/watch?v=tqMBLWABMAE https://www.youtube.com/watch?v=kM2IIIcPK</p> <p>Have a go at making a model of a heart.</p>	<p>Science/PE Design a fitness workout to keep all our hearts healthy</p> 	<p>Wild Card Choose anything you would like linked to our topic</p> 
<p>English/Music and Performance Create a song, poem or a rap all about keeping healthy</p>	<p>English Create a fact file / poster about the circulatory system</p>	<p>Science Make a playdough circulatory system</p> 

SEQUENCING DOCUMENT

These can be found on the Mighty Oaks page on the school website.

This is a break down of the main lesson objectives for each subject.

Chacewater School LEAP Curriculum										
Class: Mighty Oaks		Curriculum Driver: Science: Animals including humans			Curriculum Theme: Circulatory System 'Have a Heart'			British values: Respect		Term: 1
Local Local paramedic visit Local specialist sports coach			Engaging Make own 'blood' sample First Aid information session Fundraising for BHF		Ambitious Careers in medicine/health			Purposeful Fundraising for BHF - understanding the impact of heart disease and how we can help Internet safety		
Sequence of Learning										
Subject	Intent and links to previous learning	1	2	3	4	5	6	7	Outcome/Composite	
Science Animals, Including Humans	Prior Learning: systems of the body: skeletal, muscular, digestive 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 Enquiry Question: How are nutrients and water transported around the body? Skittle experiment - diffusion (observing over time)	Understand the impact of Drugs and Alcohol	Identify Key factors for a Healthy Lifestyle	Understand the impact of exercise on heart rate Enquiry Question: Which type of exercise has the greatest effect on our heart rate? (to plan an enquiry/interpret results)	Identify the causes of heart disease and what we can do to minimise risk Enquiry Question: Which tube will the blood flow through the fastest? (present findings) Blocked artery experiment	Understand the importance of the circulatory system and identify steps that we can all take to lead healthier lives.	
Computing Computing systems and networks: internet Communication	Prior Knowledge - computing systems and networks Y3-5 How does the internet facilitate online communication and collaboration?	To explain that computers can be connected together to form systems	To recognise the role of computer systems in our lives	To recognise how information is transferred over the internet	To explain how sharing information online lets people in different places work together	To contribute to a shared project online	To evaluate different ways of working together online		Explain which types of media can be shared through the internet (public and private) and decide what you should/should not share online.	
Art: anatomical drawings	Prior Knowledge - drawing skills Observe and record human bodies through a range of experience	Observe and record line, shape, form and texture of a hand	Observe and record line, shape, form and texture of a face	Complete half a black & white picture of face, using charcoal and white chalk	Make a portrait in chalks and charcoal creating texture in the marks	Quick figure drawings from observation in fine and bold media	Produce a distorted self-portrait (Pablo Picasso)		A variety of portraits	

SATs week

KS2 Year 6 SATs Dates - May 2025

Date	Test
Monday 12th May 2025	Grammar & Punctuation test - 45 minutes Spelling Test - 20 minutes
Tuesday 13th May 2025	English Reading Test - 60 minutes
Wednesday 14th May 2025	Mathematics Arithmetics (Paper 1) - 30 minutes Mathematics Reasoning (Paper 2) - 40 minutes
Thursday 15th May 2025	Mathematics Reasoning (Paper 3) - 40 minutes

School camp

- Beam House - Devon
- 18th – 20th June
- Details to come out soon!



COMMUNICATION

A gentle reminder that children need to bring a healthy snack (fruit or vegetables for morning break).

EMAIL

mightyoaks@chacewater.tpacademytrust.org

Newsletter

The school newsletter will let you know of any upcoming events and important information that you need to know.

On the door

I am on the door in the mornings and afternoons. I am always happy to arrange time after school if you would prefer to talk then.

ANY QUESTIONS?