



Woodrush

High School

Year 6 Transition

Student Subject
Booklet



Welcome!

Hello future Woodrush student!

In this booklet you will find information about the subjects you will learn at Woodrush.

For each subject you will find...

- What you will learn about in year 7.
- Who could be teaching you.
- Fun and interesting activities for you to complete over the Summer.

In September, remember to bring in evidence of activities you have completed to show your form tutor and gain lots of achievement points!

Meet the Headteacher

Mr Barber - Headteacher



- My favourite topic to teach is anything relating to world politics. I am fascinated by how people and countries solve their differences.
- My favourite influential person is David Attenborough. A phenomenal broadcaster and advocate for the environment who, for me, has provided a voice for the natural world in a way no-one else has.
- My favourite quote is:
“I alone cannot change the world, but I can cast a stone across the waters to create ripples.”
- Mother Teresa
- My likes are swimming, cooking, travel and outdoors.
- My dislikes are when people put others or themselves down.

A message from the Headteacher

Hello new Year 7,

We are delighted that you and your family or carers have chosen Woodrush. We very much look forward to welcoming you to our fantastic school in September.

We know that it is both an exciting but nervous time moving from primary school to secondary school. There are plenty of wonderful staff at Woodrush, including me, to help you all with this change - so you can settle in quickly and happily.

The school may be bigger, but this means that with more staff to help, more subjects to enjoy and, we hope as many - if not more - opportunities for you to get involved with clubs and gain new hobbies.

One of the most exciting aspects of moving to a new school will be the new friends you will make and the incredible staff who will work with you each day. We promise to inspire you, help you to achieve, and reward you for your efforts. There really is a world of opportunities that await each one of you and we cannot wait to share these with you.

Have a fantastic summer, and I look forward to meeting you all very soon.

Mr Barber



Woodrush Bingo

Instructions: Choose **at least 1 task from 3 subject areas** (or as many as you like!) from the bingo card below to complete. Bring your tasks in to show your form tutor and class teachers to get achievement points!

<p style="text-align: center;"><u>English</u></p> <ul style="list-style-type: none"> • Research a famous poet or playwright and what they are famous for. Create a collage based on this. • Write a story where you are the main character. • Read a book from a genre that you wouldn't normally read. Write a review! • Pretend you are a journalist interviewing a famous author, poet or playwright. Write up your interview. 	<p style="text-align: center;"><u>Maths</u></p> <ul style="list-style-type: none"> • Research a famous mathematician and what they're famous for (Try Pythagoras or Fibonacci). • Make the biggest hole possible in an A4 sheet of paper – there is a way of being able to walk through it! • You have £5000 to plan your dream holiday – Don't forget travel costs, accommodation, spending money (using exchange rates), clothes etc.
<p style="text-align: center;"><u>Science</u></p> <ul style="list-style-type: none"> • Make and label a model of a plant or animal cell. You can make your model using anything you like – from cardboard to cake! • You have been stranded on a desert island. You will need water to survive. Make a survival guide, describing how you would get drinking water. • Make a model or poster or video about the planets in our solar system. • Research a famous scientist who interests you and write a biography/make a video/make a poster about their achievements. 	<p style="text-align: center;"><u>Creative Arts</u></p> <ul style="list-style-type: none"> • Find an artist that makes you smile! Try to copy their work and draw yourself in their style. • Have a go at animation – download 'Stop Motion Studio' App and create your own 20 second animation that tells us something about you! • Draw a picture/make a sculpture/write a poem inspired by music by the composer Chopin. What image does the music paint in your mind? • Download a music making app and start creating your own music. Ask your friends and family what they like about it, and how it could be improved.
<p style="text-align: center;"><u>Modern Foreign Languages</u></p> <ul style="list-style-type: none"> • Choose a Spanish speaking country in South America to research. Create an information poster or leaflet, including: Population, Climate, Weather, Food, Traditions and Customs. • Create a brochure for a Spanish festival. Research it on the internet and include pictures and reasons why people should take part! • Research the Spanish Royal Family! Create a profile for each member and compare the differences between the Spanish and English Royal Families. 	<p style="text-align: center;"><u>Humanities</u></p> <ul style="list-style-type: none"> • Research the 'Domesday' Book to find out what it was used for. Make your own version by interviewing your relatives at home. • Plot a journey from your home to Woodrush. Map it out, give exact instructions. Google maps/earth might help you. • Research religious places in Worcestershire. How many Churches, Gurdwaras, Mosques, Mandirs, Buddhist temples and Synagogues are there in Worcestershire? How many are close to Woodrush?
<p style="text-align: center;"><u>Computing</u></p> <ul style="list-style-type: none"> • Create a PowerPoint about why you are looking forward to coming to Woodrush, using Animations and Transitions. • Research 5 famous computer scientists. Write a paragraph for each explaining who they are and what they contributed to the world. • Design your own phone. Draw what it would look like and say why you would want to have that phone. 	<p style="text-align: center;"><u>P.E</u></p> <ul style="list-style-type: none"> • Design a skills challenge for others to attempt e.g. 100 volley challenge in tennis. • Research your sporting idol and create a poster showing why they are such a good role model. • Write a sports article about a recent sporting event that you have watched. • Get active this summer - keep an activity/ exercise journal showing what you have done and enjoyed.
<p style="text-align: center;"><u>Design and Technology</u></p> <ul style="list-style-type: none"> • Take a spoon from your kitchen and try and draw it exactly as you see it. Aim to add reflections, shadow and shading to make it look realistic. • Design your dream home – be as imaginative and creative as you can. • Make a paper aeroplane. Measure how long you can glide the aeroplane and then make adjustments to its design. Do this 3 times and see how far it flies! • Research a famous Graphic Designer. Create a poster about them in their unique style. 	<p style="text-align: center;"><u>PSHE</u></p> <ul style="list-style-type: none"> • Create an infographic on celebrating people's differences and embracing diversity in our communities. • Research the political parties in your area. Create a mind map about each party and their vision for the country. • Create a campaign on how we can help the most vulnerable in our communities. For example, helping the elderly, homeless people, or poorly children. • Create a poster on how to maintain good physical and mental health.



English



What will I learn about in year 7?

English is split into the following units across the three terms:



Autumn: Personal and Local Identity

You will:

- Read and study the novel 'Ghost Boys' by Jewell Parker Rhodes, using this as an inspiration to write, and speak about your own identity and ambitions.
- Learn how to write analytically and discuss the writer's effect on the reader.
- Read poetry from a range of cultures.
- Write poetry with the theme of 'identity'.
- Read modern and 19th century fiction and non-fiction texts related to Birmingham.



Spring: Travel and Places

You will:

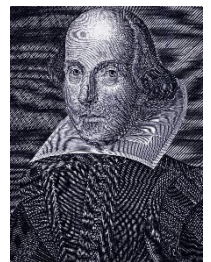
- Read and study the adventure novel 'Treasure Island' by Robert Louis Stevenson.
- Analyse and write non-fiction travel texts.
- Identify and use persuasive language.
- Read and analyse poetry from different places.
- Study a novel from a different context and understand why social context is important.
- Identify and discuss characterisation and themes in a novel.



Summer: Heroes and Villains/An Introduction to Shakespeare

You will:

- Study the play 'The Tempest'
- Write narrative texts inspired by the story. Find out about Shakespeare's life and the Jacobean context of the play.
- Understand what a hero is.
- Read texts about a range of heroes from the modern world.
- Write to argue and persuade using effective structure and a range of persuasive methods.



Meet the English Department



Dr Burrells – Head of English

- My favourite English topic is Macbeth, because it's so exciting!
- My favourite Author is Malorie Blackman.
- My favourite quote is:
"A writer only begins a book; a reader finishes it"
– Samuel Johnson
- My likes are subordinate clauses, the colour green, painting and cats.
- My dislikes are climate change, bananas and baked beans.



Mr James – English Teacher

- My favourite English topic is Creative Writing.
- My favourite Author is William Shakespeare.
- My favourite quote is:
"No amount of anxiety makes any difference to what is going to happen"
- My likes are Football, Golf and Mr Cook.
- My dislikes are Parsnips, Love Island and Snakes.

Mr Cook – English & Film Studies Teacher

- My favourite English topic is An Inspector Calls.
- My favourite Author is Fyodor Dostoevsky.
- My favourite quote is:
"The greatest glory in living lies not in never falling, but in rising every time we fall."
- Nelson Mandela
- My likes are travelling to different places, learning new things and Mr James.
- My dislikes are fish.



Meet the English Department



Mrs Scotney – English Teacher

- My favourite English topics are spoken Language and Child Language Acquisition.
- My favourite Author is Roald Dahl, for his fantastic children's books, and Marcus Zusak for his novel 'The Book Thief'.
- My favourite quote is:
"You're braver than you believe, stronger than you seem and smarter than you think."
- Christopher Robin (A.A Milne)
- My likes are going to the theatre, eating out and entertaining my two children.
- My dislikes are getting up in the morning, unkindness and peanut butter.

Mrs McCarthy – English Teacher

- My favourite English topic is A Christmas Carol
- My favourite Author is I couldn't possibly choose one! I have too many favourites!
- My favourite quote is:

"Mad Hatter: Am I going mad?"

Alice: Yes, you're mad, bonkers, off the top of your head...but...I'll tell you a secret. All the best people are."

- My likes are reading, chatting, laughing and chocolate!
- My dislikes are bad manners, being tired and tomatoes!



Ms Blundell – English Teacher



- My favourite topic to teach is creative writing.
- My favourite author is Jane Austen or J.K. Rowling - it's too close to call.
- My favourite quote is:

"Happiness can be found, even in the darkest of times, if one only remembers to turn on the light." - Albus Dumbledore from Harry Potter and the Prisoner of Azkaban

- My likes are sports, reading, travelling, watching movies, cooking and being creative.
- My dislikes are scary movies!

Meet the English Department

Miss Hunter – English Teacher

- My favourite topic to teach is literature.
- My favourite author is George Orwell or Margaret Attwood.
- My favourite quote is:

“ Look like the innocent flower but be the serpent underneath it.”

- My likes are reading, animals, movies & television, Lana Del Rey, coffee, and food.
- My dislikes are sports, maths, fruit on pizza, mushrooms and spiders.



Mrs Roberts-Lawson – English Teacher

- My favourite topic to teach is 19th century novels- literature on a whole.
- My favourite authors are Shakespeare, Jane Austen and Charlotte Brontë.
- My favourite quote is:

“Work smarter not harder”

- Allen Morgenstern.

- My likes are good manners and behaviour, mutual respect, fairness, positive atmosphere, an active environment, a free spirit, togetherness, laughter, having fun, to explore, adventure, spending time with my family, going to church, listening to music.
- My dislikes are disrespect, negativity, injustice, unfairness and boredom.



Mrs Robertson – School Librarian

- My favourite part of being a librarian is talking to students about books and reading.
- My favourite Author is Patrick Ness. No, Sarah Crossan. Or John Boyne? Oh, I can't decide!!
- My favourite quote is:

“Tread softly because you tread on my dreams”

- W B Yeats.

- My likes are family, friends and fine food.
- My dislikes are bad manners and unkindness.



Meet the English Department

Mr Hands – English Teacher

- My favourite topic to teach is poetry, especially unseen poems as I love to hear student's ideas!
- My favourite author changes all the time but at the moment I am really enjoying reading some of books and poetry by Akala.
- My favourite quote is:
“Don't judge, just listen.”
- My likes are reading, teaching, listening to music, trying new foods, relaxing at home with my 2 cats.
- My dislikes are parsnips.





English Summer Activities



It's all about you!

In September, our theme in Year 7 will be Identity.

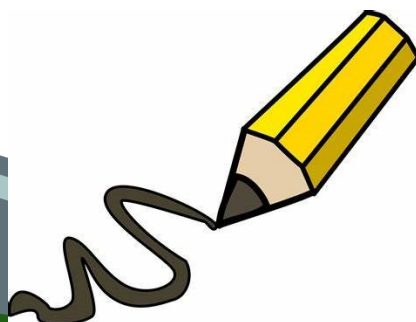
We would like to know more about your identity!

Complete as many of the activities below as you can:

- Write a speech about either: An important person in your life OR a person you consider to be your role model.
- Create a collage all about you. Include things that you like doing, foods you like, countries/places you have visited.
- Write a diary entry for a day in the holidays. What did you do? Where did you go? Who did you go with?
- Keep a reading journal of any books you read over the summer. Include the title, author and a short review of each book.
- Create an 'all about me' fact sheet. Include your age, D.O.B, hometown, pets, hobbies and other factual information.

Bring in all the work you complete over the summer and your English teacher will award you with Achievement points!

Have a lovely summer break and we look forward to seeing you in September!





The Maths course is made up of 5 main areas:

Algebra, Number, Statistics & Probability, Shape, and Ratio & Proportion.

What topics will I learn in Maths in Year 7?

- Number sense and calculations
- Expressions and equations
- Measures
- 2D shapes
- Perimeter and area
- Coordinates
- Factors, multiples and primes
- Fractions
- Brackets
- Angles
- Handling data and statistical diagrams
- Proportion
- Fractions, decimals and percentages
- Probability

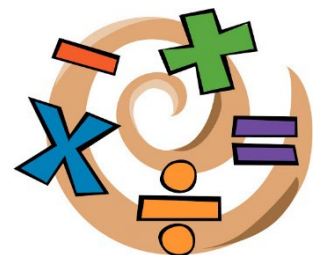
What key skills will I learn in Year 7?

- How to correctly and accurately use a calculator.
- How to use a protractor and a pair of compasses to draw and measure.
- How to think logically and solve problems.
- How to work well in a group and articulate your ideas.



What extra-curricular activities will there be?

- UKMT Junior Maths challenge for Year 7 and 8 students
- Mathematical art competition
- A variety of after-school clubs, trips and guest speakers



Meet the Maths Department



Miss Hendley – Head of Maths

- My favourite maths topic is algebra, especially solving equations.
- My favourite mathematician is Euler.
- My favourite quote is:

“If you always do what you always did, you’ll always get what you always got”

- Henry Ford

- My likes are baking, reading and going to the cinema.
- My dislikes are heights, pigeons (especially when they flap!) and my alarm clock.

Mr Compton – 2nd in Maths Department

- My favourite maths topic is vectors.
- My favourite mathematician is Alan Turing.
- My favourite quote is:

“Be curious, not judgemental”

- Walt Whitman/ Ted Lasso

- My likes are football and Italian food.
- My dislike is chocolate oranges.



Mrs Carr- Maths Teacher and Assistant Headteacher

- My favourite maths topic is any Algebra - I love quadratics.
- My favourite mathematician is Andrew Wiles, such an amazing mind!
- My favourite quote is:

“The only way to learn mathematics is to do mathematics”

- Paul Halmos

- My likes are climbing, shoes and being outdoors.
- My dislikes are cooking.

Mrs Raziq – 2nd in Maths Department

- My favourite topic to teach is anything to do with maths.
- My favourite mathematician is Pythagoras.
- My favourite quote is:

“If my mind can conceive it, and my heart can believe it, then I can achieve it.”

- Muhammad Ali

- My likes are baking, spending quality time with loved ones and shopping.
My dislikes are spiders, ironing and being stuck in traffic.



Meet the Maths Department



Miss Behan – Maths Teacher

- My favourite maths topic is algebra.
- My favourite mathematician is Pythagoras.
- My favourite quote is:

“A day without laughter is a day wasted”

- Charlie Chaplin

- My likes are travelling and socialising with my family and friends.
- My dislikes are spiders and rainy weather!

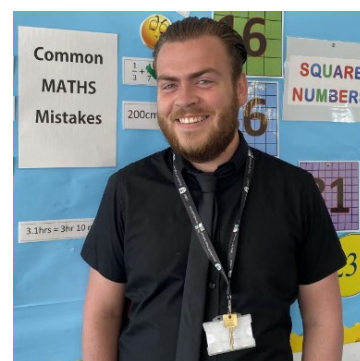
Mr Pollard – Maths Teacher & Head of Year 11

- My favourite maths topics are surds and indices!
- My favourite mathematician is Albert Einstein.
- My favourite quote is:

“You miss 100% of the shots you don’t take”

- Wayne Gretzky

- My likes are inspiring children, Football (Liverpool), solving complex maths problems, watching MCU “stuff” and dancing to Whitney Houston.
- My dislikes are days when I’m not at school, celery, shoe laces and when your feet touch seaweed when you’re in the sea!



Mrs Bullivant - Maths Teacher



- My favourite maths topic is solving equations.
- My favourite mathematician is Sophie Germain.
- My favourite quote is:

“If you have good thoughts they will shine out of your face like sunbeams”

- Roald Dahl

- My likes are dogs and being outdoors, especially at the beach.
- My dislikes are spiders and sharks!

Miss Sinclair – Maths Teacher

- My favourite topic to teach is trigonometry.
- My favourite mathematician is Dorothy Vaughan.
- My favourite quote is:

“A journey of a thousand miles begins with a single step.”

- Confucius

- My likes are cooking, comedy films, cycling, my dog.
- My dislikes are rock music, biscuits, running and horror films.





Maths Summer Activities



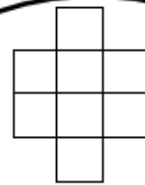
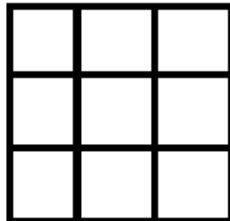
Can you solve these puzzles?



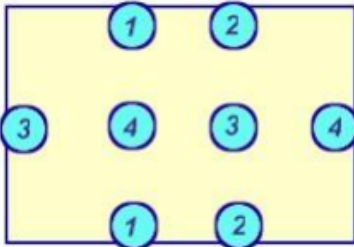
I spilled some alphabet soup onto a 3x3 grid (yeah, really). E is to the right of C. A is to the right of G which is

above B, which is to the left of F. I is above D which is to the left of G.

Complete the grid to show where it landed!



Can you position the numbers 1 to 8 in the boxes so no two consecutive numbers are right next to each other horizontally, vertically or diagonally?



DRAW A LINE TO CONNECT BOTH 1s, DRAW A LINE TO CONNECT BOTH 2s, AND SO ON. THE LINES CAN'T CROSS OR GO OUT OF THE RECTANGLE.

FIND THE SMALLEST MULTIPLE OF NINE CONTAINING ONLY EVEN DIGITS.

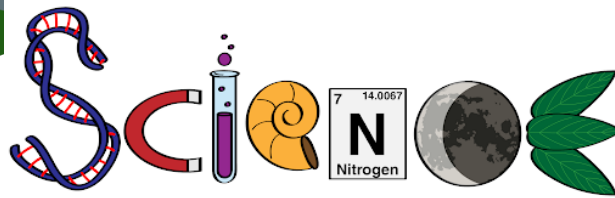
Three different positive integers add to make sixteen.

$$\square + \diamond + \nabla = 16$$

The smallest numbers also add to make the biggest number.

$$\square + \diamond = \nabla$$

Find all three possible solutions to this problem.



What will I learn about in year 7?

Science is split into units for the three Science subject areas – Biology, Chemistry and Physics.

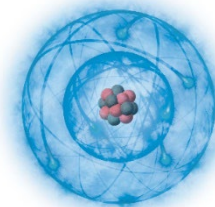
Biology is the study of living things, so you will learn about the basics that make living things be and stay alive.

- How cells make up living things and how to see them with a microscope.
- Your DNA and how that makes you, you.
- How humans reproduce to make new humans.
- How plants use the energy from sunlight to make their own food.



In **Chemistry** we learn about different chemicals, their properties and how we use them.

- Atoms, which are the smallest things everything is made out of.
- What makes something a solid, liquid or gas.
- Why some things can dissolve and how to separate different substances in a mixture.
- What makes something an element, compound or mixture.
- Different properties of metals and why we use them for certain jobs.



In **Physics** we learn about the rules that control the universe.

- Different forces – like friction, gravity and magnetism.
- The different ways that energy is stored and transferred.



What skills will I develop in Science?

- Practical skills – how to work safely with different equipment such as Bunsen burners.
- Maths skills – like drawing tables and graphs and calculating averages.
- Analytical and evaluation skills – looking at information and making decisions from it, figuring out what has been done well and how to improve



What extra-curricular and enrichment opportunities will I have?

- Science club - where you get to do extra experiments you won't get chance to do in lessons.
- Trip to the Big Bang Fair
- Every year during Science week we do special lessons based on the theme of that year.

Meet the Science Department



Miss Hollingworth – Head of Science & Biology Teacher

- My favourite science topic is what causes diseases and how we treat them.
- My favourite scientist is Charles Darwin.
- My favourite quote is:
“It is not the strongest of the species that survives, not the most intelligent that survives. It is the one that is the most adaptable to change.”
- Charles Darwin.
- My likes are coffee, camping and chocolate (Caramel nibbles to be precise).
- My dislikes are shellfish, football and long half terms.

Mrs Armstrong-Gardener– 2nd in Science Department

- My favourite science topic is light or human reproduction.
- My favourite scientist is Rosalind Franklin.
- My favourite quote is:

“You cannot teach a man anything, you can only help him discover it himself”

Galileo

- My likes are cats, makeup, hot chocolate and obviously Biology.
- My dislikes are apricots, stubbing my toe, tea AND coffee.



Miss Westwood – Science Teacher



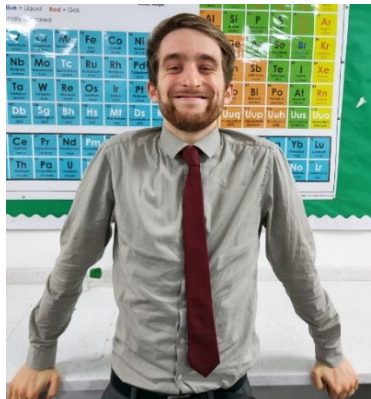
- My favourite topic to teach is organ systems.
- My favourite scientist is David Attenborough.
- My favourite quote is:

“Somewhere, something incredible is waiting to be known” – Carl Sagan

- My like are dogs, dessert, cheese, F.R.I.E.N.D.S, fantasy football.
- My dislike are spiders, mushrooms and mess/clutter.

Meet the Science Department

Mr Rayner – Chemistry Teacher



- My favourite science topic is combustion.
- My favourite scientist is Martyn Poliakoff. He researches ways to make chemical reactions more environmentally friendly, and he looks like Einstein.
- My favourite quote is:

“I have not failed. I've just found 10,000 ways that won't work”

- Thomas Edison (supposedly).

- My likes are Christmas and lots of other things.
- My dislikes are cats.

Mr Spencer – Science Teacher

- My favourite topic to teach is chemical reactions.
- My favourite scientist is Dara O'Briain.
- My favourite quote is:

“Hard work beats talent - every single time.”

-Kobe Bryant

- My likes are playing sports, going to the gym, karting and watching Formula 1, listening to music.
- My dislikes are roller coasters, mushrooms, thunderstorms.



Mr Ibrahim – Science Teacher

- My favourite topic to teach is electricity.
- My favourite scientist is Steve Irwin.
- My favourite quote is:

“Shoot for the moon, even if you miss, you'll land in the stars”

- My likes are football, food and friends.
- My dislikes are waking up early and vegetables.

Meet the Science Department

Mr Deare – Chemistry Teacher

- My favourite science topic is genetics.
- My favourite scientist is Amedeo Avogadro. His work which understood the differences between particles was originally dismissed before being proved correct, sadly after he died.
- My favourite quote is:
 "Strive not to be a success but to be of value" – Albert Einstein
- My likes are Liverpool FC, football, volleyball, table tennis, squash and badminton.
- My dislikes are Manchester United FC!



Mr Roche – Physics Teacher & Assistant Headteacher



- My favourite science topics are astrophysics and cosmology – the beginning the end and everything in the universe – just amazing.
- My favourite scientist is Einstein – he changed how we view space and time and even his greatest mistake turned out to be right in the end.
- My favourite quote is:
 "We are part of this universe, we are in the universe, but perhaps more important than both of those facts, is the fact that the universe is in us"
 - Neil deGrasse Tyson
- My likes are tea, biscuits and above those is tea and biscuits.
- My dislikes are cheese, and rich tea biscuits – they are a disgrace to the biscuit community.

Ms Smith – Lead Science Technician

- My favourite science topic is anything practical, experiments are my job!
- My favourite scientist is Hedy Lamarr, she was a Hollywood actress and she invented Wi-Fi!
- My favourite quote is:
 "Science knows it doesn't know everything, otherwise it would stop."
 - Dara O'Briain
- My likes are cats, chocolate and tea, possibly in that order.
- My dislikes are getting up in the morning, frogs and mess.



Miss Randle – Science Technician



- My favourite science topic is fun practical experiments.
- My favourite scientist is Esther Conwell
- My favourite quote is:
 "Seize the day!"
 - Poet Horace
- My likes are walking my dog, listening to music and shopping.
- My dislikes are spiders!



Science Summer Activities



Science is all about experimenting and finding out about the world!

Do as many of these experiments as you want or as possible and bring in your results in September:



- Grow cress seeds in cotton wool – vary the amount of water or the amount of sunlight and see which grows best.
- Place different chocolates in the sun – see which melts quickest.
- Wrap a penny in foil and another in black paper – see which heats up fastest.
- Make oobleck – using corn-starch and water – mix together until you get a substance that is liquid but turns solid when you hit it.
- Place white flowers in coloured water – use food dye to create different colour flowers.
- Find paper aeroplane designs and time the one which gives the best time of flight.
- Place recently boiled water and cool tap water into separate mugs and place in freezer and see which freezes first.
- Use balloons and create static electricity by rubbing it on you – then try to make it stick on a wall, pick up bits of paper and even roll an empty coke can.
- Polish pennies in juice of different citrus fruits – lemons, limes and oranges – see which works best.
- Bounce balls on different surfaces and see how different surfaces affect the efficiency of bounce.

Feel free to modify and extend these experiments and do your own!

Each experiment you do will be worth an achievement point.

Really awesome Youtube Channels to watch:

- “Operation Ouch”: <https://www.youtube.com/channel/UCQJDFI9j8UeNoqra37p5OkA>
- “Sci show kids”: <https://www.youtube.com/user/scishowkids>
- “Physics Girl”: <https://www.youtube.com/user/physicswoman>

History

What will I learn about in year 7?

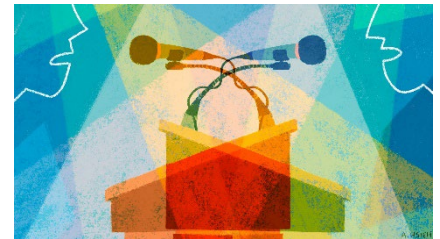
In year 7 you will cover a huge range of topics covering nearly 1000 years and countless different countries, religions and cultures.

Here are the topics you will look at this year:

- 500 - 1100 AD – Migration to Britain
- 1066-1100 AD- How did the Normans rule England?
- 200BCE-1500AD- The Silk Roads
- 1100s – 1500s AD – Medieval Britain
- 1100s - 1200s AD – The Crusades
- 1500s - 1700s AD - The Reformation, start of the British Empire and the Trans-Atlantic slave trade.

What skills will I develop in History?

- How to debate and put together an argument. In history we learn how to use evidence and explanation to make a convincing point rather than just saying something because it sounds right!
- Analysing sources- We look at historical artefacts, interpretations and documents in all of our topics. The skills you will use here are the same ones used by police officers, judges, lawyers and journalists. In fact, there are very few careers where you will not need these skills.



What extra-curricular and enrichment opportunities will I have?

- Black country museum trip- To support with the Industrial Revolution topic we are running a trip to the Black Country Living museum where you will see the machinery, people and landscapes we learn about the classroom in real life!

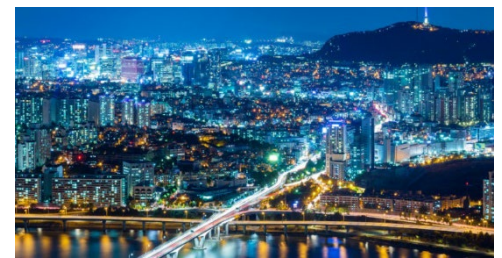


What will I learn about in year 7?

Throughout year 7 you will learn about a range of different places and environments.

The topics you will study include:

- **My Place:** You will explore the human and geography of the UK by developing your map reading skills and then focus on the geography of our local city
- **Weather and Climate:** You will learn about what creates our weather and how we can measure the weather. Within this topic you will have the opportunity to conduct a microclimate practical within the school grounds.
- **World Cities:** You will learn about our world's population, the growth of megacities and how we can manage our cities to become more sustainable.
- **Ecosystems:** You will learn about the various local and global ecosystems including Rainforests, deserts and deciduous forests before embarking on a summer project outdoors!



What skills will I develop in Geography?

- You will develop your ability to form an opinion and debate with others and understand different viewpoints of geographical issues.
- Map skills – grid references, map symbols, measuring distance, height and compass directions.
- Graph skills – you will develop your graph creation skills and ability to analyse information presented by graphs and maps.



What extra-curricular and enrichment opportunities will I have?

- Trip to Birmingham botanical gardens as part of the ecosystems topic.



What will I learn about in year 7?

Faith and Ethics is taught thematically. This means that you won't learn about each religion separately. Instead you will look at a range of topics and compare religious and non-religious views as you learn.

Beliefs and Practices

- Important people.
- Core beliefs
- Significant events



The Life of Jesus

- Who was Jesus?
- Why was he different?
- Why did people follow him?

Buddhism and the Environment

- The Buddha
- Core beliefs
- Application of beliefs to environmental issues and matters.



What skills will I develop in Faith and Ethics?

- You will learn about religious and non-religious facts and opinions. But more importantly, you will learn how to compare opinions and learn how to explain your own better.

Meet the Humanities Department



Mr Reece – Head of Humanities & History Teacher

- My favourite History topic is the Tudors. So much today is influenced by what happened in this period of history.
- My favourite figure from the past is Elizabeth I, she was a very complex person... with black teeth!
- My favourite quote is:

“Suffer now, live the rest of your life like a champion”

- Muhammed Ali.

- My likes are dogs, time with my family, football, gardening and skiing.
- My dislikes are cream, daytime TV programmes and Liverpool FC.

Mr Hammond – Lead History Teacher

- My favourite History topic is the Battle of Arnhem. It’s a great tale of heroism in the face of adversity.
- My favourite figure from the past is Richard Winters- I really love all that he achieved and how he inspired people while being a shy, calm individual.
- My favourite quote is:
“Quality without results is pointless, results without quality are boring”
- Johan Cruyff



- My likes are Birmingham City, Glasgow Rangers, cooking and the Netherlands.
- My dislikes are bagels.



Mr McManus – History Teacher

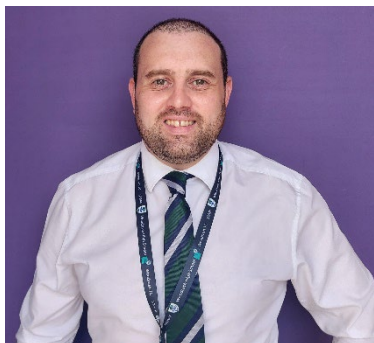
- My favourite History topic is the Industrial Revolution. You can find evidence of it all around you in Birmingham!
- My favourite historical figure is Christopher Lee. He served in WW2, starred in Lord of the Rings and released a heavy metal album when he was 90!
- My likes are films, gardening and walking in the countryside.
- My dislikes are yappy dogs and rats.

Mrs Struczynski - History & Health and Social Care Teacher

- My favourite history topic is anything 20th Century, but I particularly enjoy social history.
- I don’t have one favourite historical figure but I love to research the lives of ordinary people, their experiences and what we can learn from them.
- My favourite quote is:
‘Every accomplishment starts with the decision to try’
-JFK
- In my spare time I enjoy spending time with my family and friends, baking, drinking coffee and taking part in quizzes.
- My dislikes are slugs and tea.



Meet the Humanities Department



Mr Smith – Lead Geography Teacher

- My favourite Geography topic is Natural Hazards- I really enjoy teaching about volcanoes and earthquakes.
- My favourite person is David Attenborough because he is showing us the importance of protecting our planet!
- My likes are most sports, hiking, watching movies, cooking and holidays.
- My dislikes are snakes and rain.

Mrs Cooke – Geography Teacher

- My favourite topic in Geography is weather and climate. Living in the UK we get to experience lots of different types of weather!
- My favourite quote is:
“Unless someone like you cares a whole awful lot, nothing is going to get better. It’s not.”
- Dr Seuss.
- My likes are baking, being outdoors, family time, my dog and cat.
- My dislikes are spiders, queuing and bad drivers.



Mr Cooper – Geography Teacher & 6th Form Careers Tutor

- My favourite Geography topic is ‘urban environments’ – cities and towns. It’s a fascinating topic as urban landscapes are always changing. We’re very lucky to be on the edge of one of the UK’s fastest changing urban areas, Birmingham.
- My favourite city to visit is New York. I’ve been lucky enough to visit twice. The skyscraper landscape is amazing and I love the views from Battery Park.
- My likes are time with friends and family, watching and playing tennis, gardening, a cup of tea and visiting all kinds of museums.
- My dislikes are when I can’t find enough time to fit in all of my likes.

Mr Monk – Geography Teacher & Deputy Headteacher

- My favourite Geography topic is Glaciation – it’s ground-breaking stuff.
- My favourite city to visit is Sydney.
- My favourite influential person is Ian Botham.
- My favourite quote is:
“I would go out tonight, but I haven’t got a stitch to wear”
- The Smiths
- My likes are cricket, curry and family time.
- My dislikes are arrogance.



Meet the Humanities Department

Ms Coton – Geography Teacher

- My favourite subject to teach is ecosystems, specifically studying tropical rainforests and hot deserts.
- My favourite geographer and biggest inspiration is Sir David Attenborough! He has worked tirelessly over numerous decades as a broadcaster, writer and naturalist creating innovative educational television programs highlighting the beauty of the natural world and importance of protecting it.
- My favourite quote is:
"The journey of a thousand miles begins with a single step." - Lao Tzu (philosopher)
- My likes are travel and have been lucky enough to have lived and worked in The UAE, Ghana, USA and Thailand! I enjoy keeping active, especially hiking and running in the countryside.
- My dislikes are spiders and snakes.



Mr Moss – Psychology, Sociology & Faith and Ethics Teacher



- My favourite topic is media influences on behaviour; I am fascinated by how easily people are absorbed and manipulated by the social world around them.
- My favourite quote is
"If you think you are too small to make a difference, try sleeping with a mosquito."
- Dalai Lama.
- My likes are football (watching or playing), spending time with family and friends, watching movies and biking.
- My dislikes are reality TV shows and mushrooms.

Miss Choudhury – Faith and Ethics Teacher & PSHE Co-ordinator

- My favourite topic to teach is Crime & Punishment.
- One of the people that most inspires me is Malala Yousafzai as she has spent her life fighting for equality and the right for girls all over the world to have an education.
- My likes are going to gigs, listening to music, discovering new vegan food and watching Criminal Minds.
- My dislikes are animal cruelty and injustices all over the world.





Mrs Kaur – Faith and Ethics & Sociology Teacher, Head of Sixth Form

- My favourite topic to teach is anything about different religions, it gives us the opportunity to learn about others and understand ourselves!
- I am inspired by many religious leaders, but also people that have stood up for what they believed in like Martin Luther King.
- My likes are Birmingham City FC, baking and eating cakes, spending time with friends and family.
- My dislikes are cats!

Mr Wright – History Teacher & Assistant Headteacher

- My favourite History topic is WW2 as it was a time of heroism, ingenuity and people supporting one another in the most difficult circumstances.
- My favourite figure from the past is... I don't really have a favourite individual, but I do love stories of ordinary people who do amazing things such as Denis Avey.
- The most inspirational person I have met is Sir David Weir, a man of perseverance and one of the greatest Paralympic athletes.
- My favourite quote is:
"Those who dare to fail miserably can achieve greatly."
- John F Kennedy
- My likes are all things Disney, my favourite character is Pluto! Watching football especially Arsenal. Dogs, I have a Labrador called George.
- My dislikes are mashed potatoes, bleurgh!



History Summer Activities

The first topic we study in History is about life in Anglo-Saxon England.
Complete the activities below to give yourself a head-start and gain achievement points.

Find the following words in the Word Search:

BATTLE OF HASTINGS

BLACK DEATH

DOMESDAY BOOK

EDWARD THE CONFESSOR

FEUDAL SYSTEM

HARRYING OF THE NORTH

KING JOHN

MAGNA CARTA

MOTTE AND BAILEY

WILLIAM THE CONQUEROR

K R E Q G J D Z T L L V C U J E A O S K E I X W E
F I U H A U K K Y X S W T E Z D T W C O D F K P G
D W N Y A K M O Q C F D X N L M B P S O W G G U L
M N N G S R I H O B L T W U E Y O B L B A H L I K
Y D P Y J R R L U J T I U M C J A V J Y R W Z H F
V D G O N O A Y R V D J O X A T E M N A D F V B L
U E W T X X H W I I N F Q T T K O W U D T V U S X
U M G N G C O N Q N H C R L H C D K I S H M T O F
F Q P B Y W A V Z G G A E W N E X J A E E C B J V
W I L L I A M T H E C O N Q U E R O R M C G Z P I
R J P Z V T J G O A F H F Z G N T M Z O O U Z G S
M N B I R F K E N H W Z P T N E Z S U D N Y O V G
I E A T B N A G A C W P J N H I C P H J F N B W X
J L T E W E A S E R J Y J Z D E T T P G E S D X C
A Y M S N M T K A Q H V T Z Y D N I S L S O K T S
U W G W Y I B L A C K D E A T H T O Y I S Z O M F
B M Q J N S E M N C C W M G S Z I H R G O Q V N I
G T R G K Q L T N Q V T B Q G O R U B T R S T P X
K F S Q R A X A D S P N N D R H Q S H R H R J O M
U Q Y Z R Z F P D U H Q L B Z C Q A Z W G S F F D
M F U I K X P M K U X W U I Y T R N G J L M R G L
U V U H J H D F V K E I A I F N D J J O Q B T Y Z
S B U S G O C L K L N F C V C B O P Q C H U C Y L
Y E L I A B D N A E T T O M O G D B J G M Q G A Z
V T K H O S F F G O L P F R E G Q F J O L Z X T P

Key Terms: Use the internet to create a glossary of the following key terms.

Baron

Medieval

Anglo Saxon

Motte and Bailey

Domesday Book

Norman (as in the Normans– not the name!)

Feudal System

Peasant

King

Tax

Challenge Task: Anglo-Saxon England - Create a resource of your choice (Examples: mind-map, poster, PowerPoint, video) that would help to teach other pupils about the Anglo-Saxons. Bring this to your first history lesson and all entries will receive achievement points. The best ones will receive the highest achievement points!

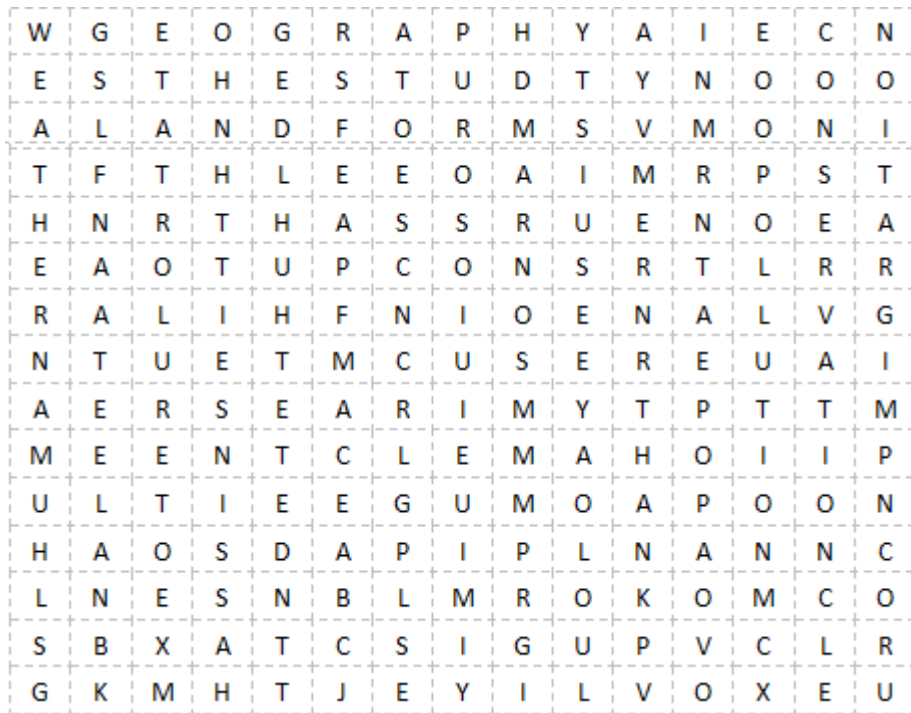
Useful Websites:

- BBC History Magazine www.historyextra.com
- KS3 Bitesize <https://www.bbc.com/education/subjects/zk26n39>
- Spartacus Educational <http://spartacus-educational.com/Medieval.htm>

Geography Summer Activities

Find the following words in the Word Search:

- ATMOSPHERE
- CLIMATE
- CONSERVATION
- ECONOMIC
- HUMAN
- LANDFORMS
- COMMUNICATIONS
- POLLUTION
- ENVIRONMENTAL
- WEATHER
- MIGRATION
- RESOURCES
- POPULATION
- MANAGEMENT
- PHYSICAL



Using the leftover letters, try to work out the message about geography!

Sort all of the words from your word search into the column that describes them best:

Physical Geography	Human Geography	Environmental Geography

Key Terms: Use the internet to create a glossary of the following key terms.

Climate

Groynes:

Lahaar:

Precipitation:

Biome:

Coriolis effect:

Humidity:

Biodiversity:

Saffir Simpson scale:

Salt Marshes:

Pyroclastic flow:



PSHE Summer Activities

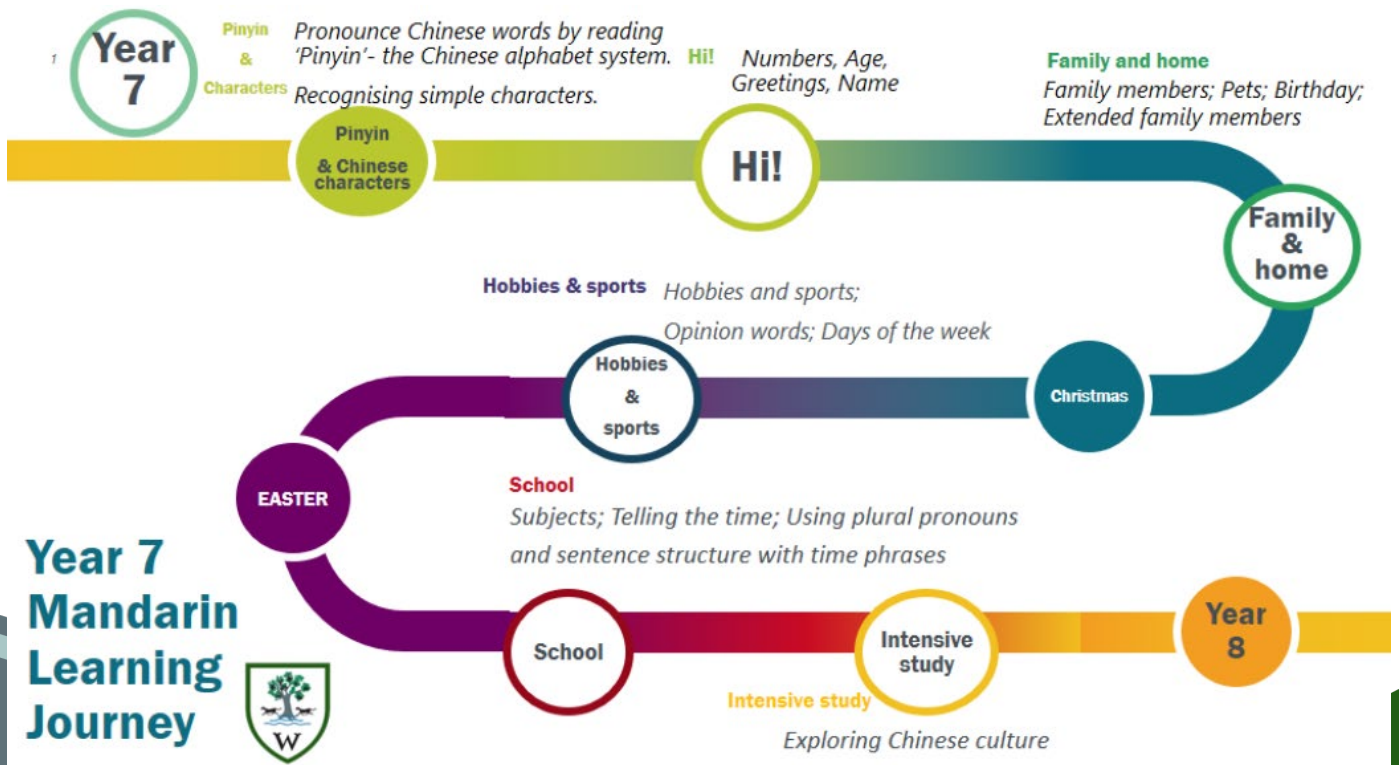
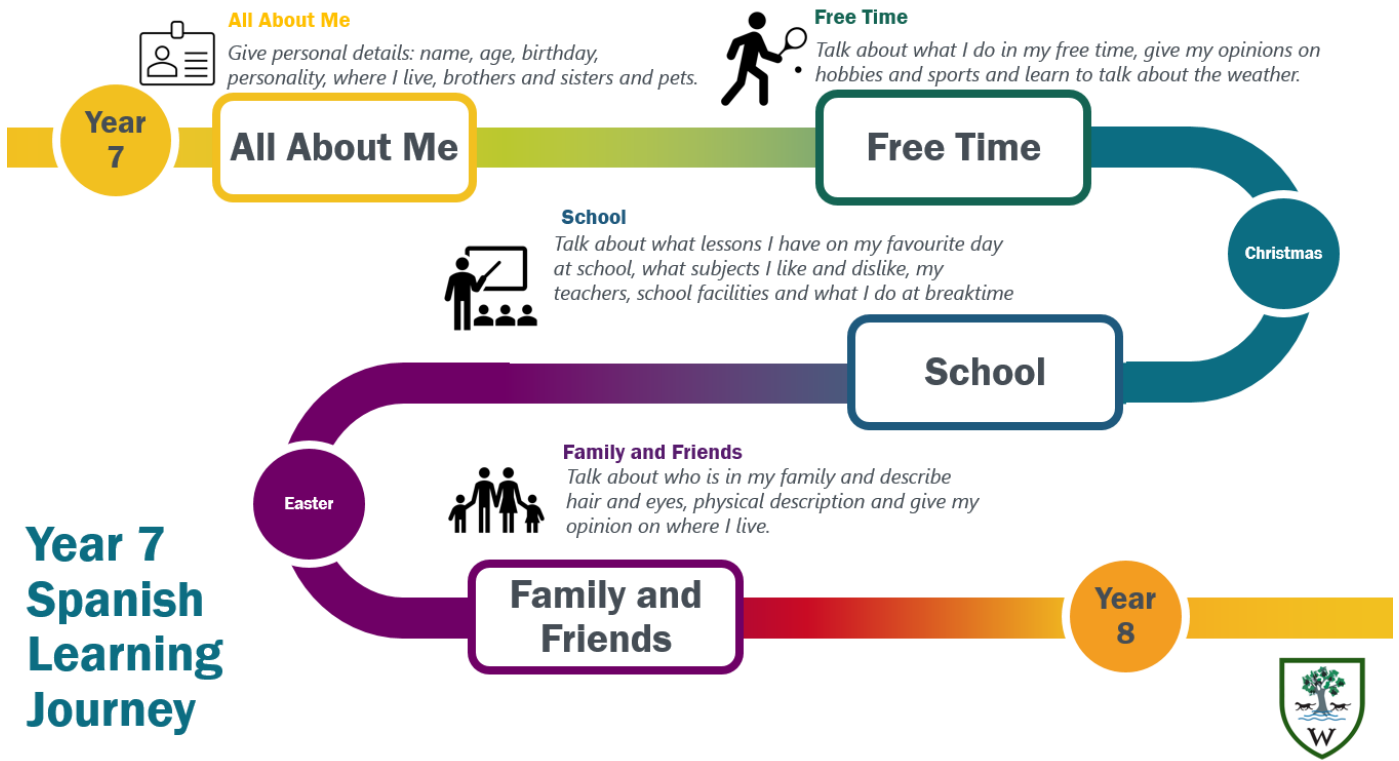


Use the summer kindness calendar to challenge yourself to do one kind act a day.

Month <input type="text"/>		Year <input type="text"/>		
Monday	Tuesday	Wednesday	Thursday	Friday
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

LANGUAGES

At Woodrush most students will study Spanish in year 7 – although one group of students will get to learn Mandarin!



Meet the MFL Department



Mrs Monk – Head of MFL & Spanish Teacher

- My favourite topic to teach is food and drink.
- I wish I knew how to speak Italian and Welsh.
- My favourite quote is:

“You’re braver than you believe, stronger than you seem and smarter than you think.”

- A. A. Milne

- My likes are the beach, taking photos and my family.
- My dislikes are slugs!

Mrs Lloyd – Head of MFL & Spanish Teacher

My favourite topic to teach is holidays.

- I wish I knew how to speak Italian.
- My favourite quote is:

“Laughter is timeless, imagination has no age, and dreams are forever.”

- Walt Disney

- My likes are Spanish food, my cat and travelling.
- My dislikes are spiders!



Mrs Stafford – Spanish Teacher & SENCo



- My favourite topic to teach is grammar and I enjoy teaching through games.
- I wish I knew how to speak Welsh – just to understand their phonics!
- My favourite quote is:

“If you live to be a 100, I want to live to be 100 minus one day so I never have to live without you.”

- A. A. Milne

- My like is chocolate.
- My dislike is being cold.

Meet the MFL Department

Miss Osborne – Spanish Teacher

- My favourite topic to teach is food or body parts.
- I wish I could speak Italian or Russian.
- My favourite quote is:

“Our greatest glory is not in never falling, but in rising every time we fall.”

- Confucius

- My likes are going out to eat/for coffee with friends, quizzes and city breaks.
- My dislikes are cold weather and watching films (especially really long ones).



Mrs Chen – Mandarin Teacher



- My favourite topic to teach is Chinese culture.
- My favourite quote is:

“Have a good start in the year means spring is important; Have a good start in the day means morning is important.”

“一年之计在于春·一日之计在于晨”

- My likes are playing board games and cooking.
- My dislikes are heavy metal music and Super Mario.



MFL Summer Activities



Complete as many activities from the language challenges below as you can!



THE GREAT SPANISH LANGUAGE CHALLENGE

Cook a dish from a Spanish-speaking country

Find out the names of five dances that originated in Spanish-speaking countries

Listen to a song in Spanish

Find out about four New Year's Eve traditions that take place in countries where Spanish is the official language

Find out the names of ten well-known sports players who are from Spanish-speaking countries

Learn the happy birthday song in Spanish

Find out the names of ten well-known buildings or monuments which can be found in a Spanish-speaking country

Find out about five famous scientists, artists, writers or explorers who are from countries where Spanish is the official language

Find out how many countries have Spanish as their official language

Write a short paragraph about a Spanish-speaking country you would like to visit and why

Teach your parent or guardian a phrase in Spanish

List four festivals which take place in countries where Spanish is the official language

Find out the names of this year's five most popular musicians or bands in one of the following countries: Spain, Argentina or El Salvador.

Find a Spanish language video or cartoon on YouTube and watch it

Find out how to say the following phrases in Spanish:

- Excuse me
- Could you repeat that?
- See you later!

Find out the capital cities of ten Spanish-speaking countries

Find an app that allows you to practise Spanish and learn five new words

Change your social media app settings into Spanish for one hour

List five species of plant or animal that can only be found in the Amazon rainforest

Try a food item from a Spanish-speaking country you have never tried before

To find more languages resources, visit: <https://www.britishcouncil.org/school-resources>

THE GREAT MANDARIN CHINESE LANGUAGE CHALLENGE

How do you say the word for 'your' animal? Learn how to write the Chinese character for 'your' animal

Listen to a song in Mandarin Chinese

List four well-known buildings or monuments that can be found in China

Learn how to introduce yourself in Mandarin Chinese, using the correct tones

Learn the happy birthday song in Mandarin Chinese

Find out about five famous scientists, artists, writers or explorers who are from China

Find out how many tones there are in Mandarin Chinese

Find out which sign of the Chinese zodiac you were born under. When does the next year of your birth sign come up?

Find out the names of this year's five most popular musicians or bands in China

Find out the names of ten well-known sports players who are from China

Try a food item from China you have never tried before

Find out the names of three Chinese social networking sites and what they are used for

List four festivals which take place in China

Find out how many Chinese characters a school student your age would know

Teach your parent or guardian a phrase in Mandarin Chinese

Find an app that allows you to practise Mandarin Chinese and learn five new words

Find out the most common greeting in Mandarin Chinese and learn how to write it

Find out one interesting fact about each of these Chinese cities:

- Guangzhou
- Beijing
- Jinan

Cook a dish from China

Find out how many Chinese characters there are

To find more languages resources, visit: <https://www.britishcouncil.org/school-resources>

COMPUTING

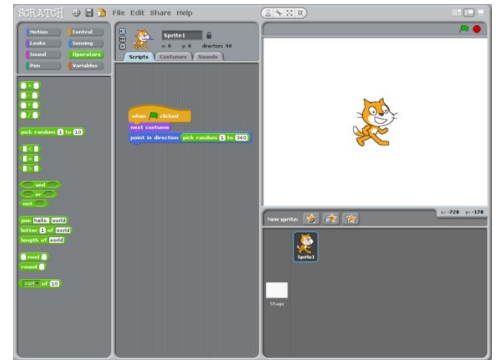
The Computing course is made up of 5 main areas:

- Impacts of Technology
- Modelling Data
- Networks from Semaphores to the Internet
- Programming in Scratch
- Using Media – Gaining Support for a Cause

What will I learn about in year 7?

Impacts of Technology

- Rules of the Computer Labs
- Cyberbullying
- Who are you talking to online



Modelling Data

- Identifying columns, rows, cells and cell reference
- Formatting a spreadsheet
- Using Functions e.g. Max, Min, Sum, Average, Count

Networks from Semaphores to the Internet

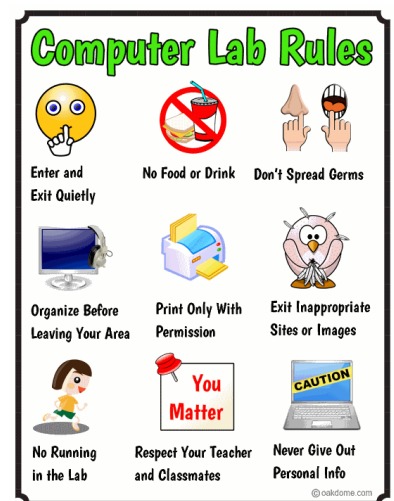
- Understanding Bandwidth and the Internet is used for
- The difference between Internet and World Wide Web

Programming in Scratch

- Creating a detailed Scratch World

Using Media

- Understand licensing of images and the rights behind images
- Create and evaluate digital content credibility



Meet the Computing Department

Mr Borg – Head of BAC



- My favourite topic to teach is Digital Design. Especially Inkscape because it allows students to be really creative.
- My favourite graphic designer is Saul Bass.
- My favourite quote is:
“A wise man once said nothing at all.”
- My likes are Music, Travel and Design.
- My dislikes are cold weather.

Mr Tall – Business & Computing Teacher

- My favourite topic to teach is Computer Science.
- My favourite computer scientist is Alan Turing.
- My favourite quote is:

“It is possible to commit no mistakes and still lose. That is not a weakness; that is life.”

- Captain Jean-Luc Picard

- My likes are reading, Computers & Technology and fishing
- My dislikes are anything chocolate orange.



Mr Sahota – Business & Computing Teacher

- My favourite topic to teach is Data Representations.
- My favourite computer scientist is Alan Turing.
- My favourite quote is:

“Success is the sum of small efforts, repeated day in day out”

- Robert Collier

- My likes are keeping fit, I enjoy playing football and rugby and most sports and enjoy reading and listening to music.
- My dislikes are cabbage and rice.



Mr Hughes – Business & Computing Teacher

- My favourite topic to teach is marketing mix.
- My favourite computer scientist is Alan Turing.
- My favourite quote is:

“If you do things well, do them better.”

- Anita Rodrick

- My likes are sport, various martial arts and music.
- My dislikes are rain and cold days.





Computing Summer Activities



Log onto the Woodrush website and find the ICT policy. Read it through and answer the questions below:

In the ICT policy, what stands out to you?
How does the ICT policy protect you?
Does the ICT policy seem fair?
Is it against the law to breach the ICT policy?

Complete as many of the tasks below as you can!

Task Title	Task Detail
Design a house of the future	What will it be like? What will the input and output devices be and what will they be used for? How will the devices connect?
Design a logo	Design a logo for an online music company called “Downloadable Tunes”.
Design your own computer game	Imaging that you were going to create a new game and sell it as an app, think of a name, then describe your new game.
Design a mobile phone	Imagine the features which might be offered on mobile phoned in the next 5-10 years’ time. Draw a detailed picture of what you think mobile phones of the future might look like.
BBC click!	Watch an episode of BBC click (https://www.bbc.co.uk/programmes/boo6mgry) What was the episode about? What was the technology? How does it work?
Write a Blog	What are you interested in? What does it involve? What is it about?
Recipe App	Design the screens for an app that suggests recipes for the limited food items you might have at home. Design the style, buttons, text and pictures.



What will I learn about in year 7?

You will learn the foundation skills of what makes a successful artist by studying the visual elements through:

- Edibles
- Illustration
- Minibeasts



Whilst studying these themes you will learn about:

- Observational Drawing Skills
- Colour Theory
- Some key influential artists
- A HUGE range of materials
- Photography
- Printmaking
- Expressing our emotions
- Communicating through image
- Critically evaluating our work for improvement
- Celebrating our successes



1776
Harris



TODAY



1810
Goethe

What skills will I develop in Art?

- Expressing our emotions
- Developing our own ideas
- Experimenting with a range of materials, techniques and processes
- Recording observations through sketches, photography and annotation.
- Communicating through image
- Critically evaluating our work for improvement
- Celebrating our successes



What extra-curricular and enrichment opportunities will I have?

- Year 7 Art Club – creating a range of artworks that we couldn't explore in class – looking at Group work, Large scale, installations, and generally having lots of fun!
- Whole School Musical – this takes place every 2 years and is due to start in 2022 and Art club will help to produce the set and props for this.
- We also offer National Competition opportunities throughout the year for students to get involved with.



What will I learn about in year 7?

You will learn how to play lots of different instruments, including:

- Ukuleles
- Djembe Drums
- Samba Percussion
- Keyboards



Whilst using these instruments you will learn about:

- The Musical Periods
- The elements of music
- The orchestra
- Music from other cultures
- Reading and writing notes



What skills will I develop in Music?

- Performance skills – you will learn pieces of music and play them back to your teacher.
- Composing skills – you will learn how to create your own music and compose to a theme.
- Listening skills – you will learn how to listen to different pieces of music and how to write about them using the musical elements.

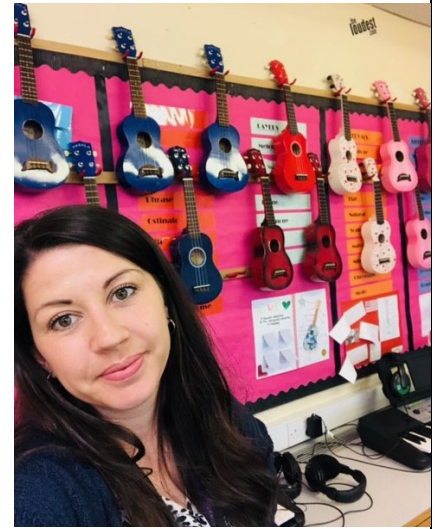
What extra-curricular and enrichment opportunities will I have?

- Severn Arts Instrument Project – you will be given the chance to learn a brand new classical instrument, practise as an ensemble and take it home to practise.
- Woodrush Voices – Our school choir, performs in the school concerts and concerts in the community too.
- Year 7 Pop Band – creating music in a group on your instruments.
- Whole School Musical – this takes place every 2 years and is due to start in 2022.
- Learning a musical instrument – You have the option to learn a musical instrument in school with a visiting instrument teacher at an additional cost. See the school website or email scoughlin@woodrush.org or jonacko@woodrush.org for more information.

Meet the Creative Arts Department

Mrs Coughlin – Head of CArts & Music Teacher

- My favourite topic to teach is Film Music, I love John Williams' film scores, they are epic!
- My favourite musician is... It changes all the time, but I often enjoy listening to older music and I love the music of Sam Cooke.
- My favourite quote is:
"Music gives a soul to the universe, wings to the mind, flight to the imagination and life to everything"
- Plato
- My likes are the seaside, running, listening to music and singing my heart out
- My dislikes are anchovies and people pushing in a queue.



Mrs Martin – Art Teacher

- My favourite topic to teach is Art but in particular Ceramics, which is clay!
- My favourite Artist is Grayson Perry! I love how he uses the world around him to inspire his work!
- My favourite quote is:
"Art is not what you see, but what you make others see!"
-Degas
- My likes are...fun! I love to have fun! Yoga, Sunshine and Food - in all its forms!
- My dislikes are.... When people stop themselves from experiencing something before they have even tried it!



And mopping the floor!

Mrs Lee – Art Teacher

- My favourite topic to teach is ART!
- My favourite Artist is Japanese artist Yayoi Kusama because of her beautiful, awe inspiring sculpture installations.
- My favourite quote is:
"Everyone discusses my art and pretends to understand, as if it were necessary to understand, when it is simply necessary to love."
- Claude Monet
- My likes are family, friends, my dog Archie, music, sunshine and mushrooms!
- My dislikes are rude people, lack of respect and celery.





Mrs O'Mahoney - Art Teacher

- My favourite topic to teach is ... ART!
- My favourite Artist is typography artist Kate Moross, because I like her sense of fun and use of colour, fonts and pattern.
- My favourite quote is:

"Creativity Takes Courage"

- Henri Matisse

- My likes are cake, cake & CAKE!
- My dislikes are people who are mean and tell lies!

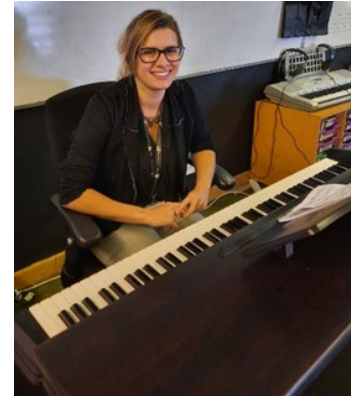
Ms Onacko – Music Teacher & Head of Year 10

- My favourite topic to teach is Romantic Music (this doesn't mean it's all to do with love!) - There are so many interesting, beautiful and strange stories associated with this genre of music.
- My favourite musician is Sergei Rachmaninov (pianist and composer) and Robert Smith (guitarist and singer).
- My favourite quote is:

"Music is enough for a lifetime, but a lifetime is not enough for Music"

- Sergei Rachmaninov

- My likes are Music (obviously), hot sauce and dogs.
- My dislikes are jelly, because the texture is horrible!



Mr Bailey – Drama Teacher



- My favourite topic to teach is devising or physical theatre, as it allows students to be creative in their own ways and it's where skills can be developed the most.
- My favourite performer is Cillian Murphy.
- My favourite quote is:

"All we have to decide is what to do with the time given to us.." - J.R.R. Tolkien.

- My likes include performing in theatre shows, going to watch shows, films, cricket, golf, and Liverpool FC.
- My dislikes include forgetting what I'm supposed to be doing, parsnips, rain, and impatient drivers.



Music Summer Activities



Meet the ORCHESTRA



Match the names of the musical instruments in the box to the pictures below.



Musical Instruments



- bagpipes
- bassoon
- clarinet
- double bass
- drums
- electric guitar
- flute
- guitar
- harp
- keyboards
- oboe
- piano
- saxophone
- tambourine
- trombone
- trumpet
- tuba
- violin

brass woodwinds strings percussion



Art Summer Activities



SUMMER DRAWING CHALLENGE

DAY ONE
Design a folder to keep your challenge drawings in...

DAY 2
Ready-for-summer-self-portrait

DAY 3
Design sunglasses

DAY 4
SOMETHING FOR THE POOL

DAY 5
A NEW ICE CREAM OR POPSICLE FLAVOR

DAY SIX
DRAW A CHARACTER FROM A BOOK YOU ARE READING

DAY SEVEN
DRAW YOUR FAVORITE THING YOU'VE DONE SO FAR...

DAY EIGHT
FAVORITE LANDSCAPE

DAY 9
WHAT DO YOU MISS?

DAY 10
SOMETHING YOU WANT TO DO B-4 SUMMER IS OVER.

DAY 11
ZOMBIES @ THE BEACH

DAY 12
SOMETHING YOU HAVE NEVER DONE B-4

DAY THIRTEEN
FAMILY PORTRAIT

DAY FOURTEEN
YOUR FAVORITE SUMMER MOVIE

DAY FIFTEEN
AN ANIMAL YOU SEE IN SUMMER

DAY 16
SOMETHING GREEN

DAY 18
SOMETHING YOU ARE PROUD OF...

DAY 19
FAVORITE OR SPORT

DAY 20
WHAT INSPIRES YOU?

DAY TWENTY ONE
A PLACE YOU WANT TO VISIT

DAY 22
DESIGN A SURFBOARD

DAY 23
A NEW BATHING SUIT!

DAY 24
DREAMS FOR NEXT SCHOOL YEAR...

DAY 25
YOUR BEST SUMMER MEMORY...



What will I learn in Year 7?

Design and Technology (DT) is split into 4 different specialist areas which you will study in year 7: Product Design, Graphic Design, Food and Nutrition and Textiles.

Product Design is the study of how products are designed and made. Within this area of DT you will:

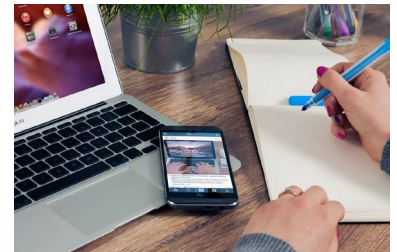
- Learn how to create designs from scratch.
- Discover how to use tools and machinery in the workshop.
- Learn how to identify different properties of materials.
- Use the computers to create digital designs.



Graphic Design is the study of visual elements and using lettering and imagery to communicate information and ideas.

In Graphic Design you will:

- Learn fundamental drawing skills.
- Learn how to create 3D Designs.
- Be creative.
- Learn how to use Digital Design software to create original ideas.



Food and Nutrition is the study of Food. In food and nutrition you will:

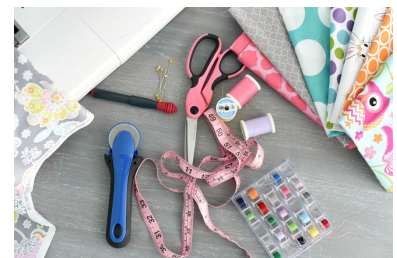
- Learn how to cook and prepare food safely.
- Create a range of different recipes.
- Learn a range of cooking techniques.
- Discover new specialist food equipment.



Textiles is the study of fashion design and textile products.

In Textiles you will:

- Work to a brief to create unique and original designs.
- Learn a range of textile techniques.
- Learn how to make a textiles product.
- Learn about Fashion and Textile Designers.



What skills will I develop in year 7?

You will learn how to work safely and independently in a range of different specialist rooms such as the Food Technology room and the woodwork room. You will gain useful knowledge and fundamental skills that will allow you to create an exciting range of practical outcomes.

What extra-curricular and enrichment opportunities will I have?

In DT we run a gardening club and we are currently setting up a jewellery club where you get to make items such as metal rings and pendants.

Meet the Design & Technology Department

Mr Griffiths – Product Design Teacher

- My favourite topic to teach is Structures and Material Technology
- My favourite designer is Jonathan Ive KBE – A British industrial, product and architectural designer who worked for Apple and helped design the iPods, iPhones and Apple computers.
- My favourite quote is:
“You must be the change you wish to see in the world”
- Mahatma Gandhi
- My likes are taking my children to the park and teaching them about Engineering. Being creative! Trying new things and learning about new technologies, reading, riding my mountain bike.
- My dislikes are making mistakes and not being able to do something right the first time – but I will, try, try and try again until I get it.



Mrs Crawley – Food Technology Teacher



- My favourite topic to teach is bread making.
- My favourite celebrity chef is Hugh Fearnley Whittingstall.
- My favourite quote is:
“There is no such thing as failure, just different degrees of success.”
- My likes are baking, gardening and reading.
- My dislikes are rudeness, impatience and prawns.

Mrs Rutter – D.T Technician



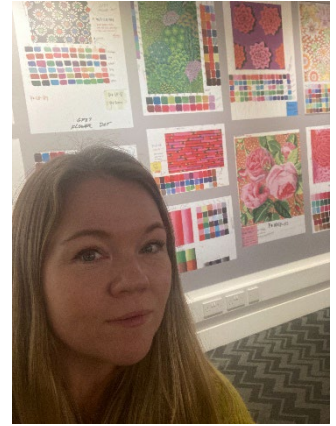
- My favourite thing about working in a school is the friendly atmosphere, but most of all the students.
- My favourite celebrity chefs are The Hairy Bikers; they have a brilliant recipe book.
- My favourite quote is:
“Always treat people how you would like to be treated.”
- My likes are gardening, camping holidays with family, kayaking in the sea and everyone being happy.
- My dislikes are eating meat off the bone and seafood.

Meet the Design & Technology Department

Mrs McGee – D.T Teacher

- My favourite topic to teach is art textiles.
- My favourite designer is Alexander McQueen.
- My favourite quote is:
"In order to be irreplaceable one must always be different." - Coco Chanel

- My likes are the beach, pattern, colours and yoga.
- My dislikes are sprouts and unorganised mess.





DT Summer Activities



Environmental concerns and how we can become more environmentally friendly are always a topic for conversation in the news. Recently Adidas have released a new trainer made from recycled plastics from our oceans, in a bid to help save our planet!

Your Challenge:

You have been challenged to design and make a shoe made out of recycled items. You can use tape or glue but all other materials must be recycled. Newspaper is a great material to use and could be your starting point.

We look forward to seeing your creations!

The DT team

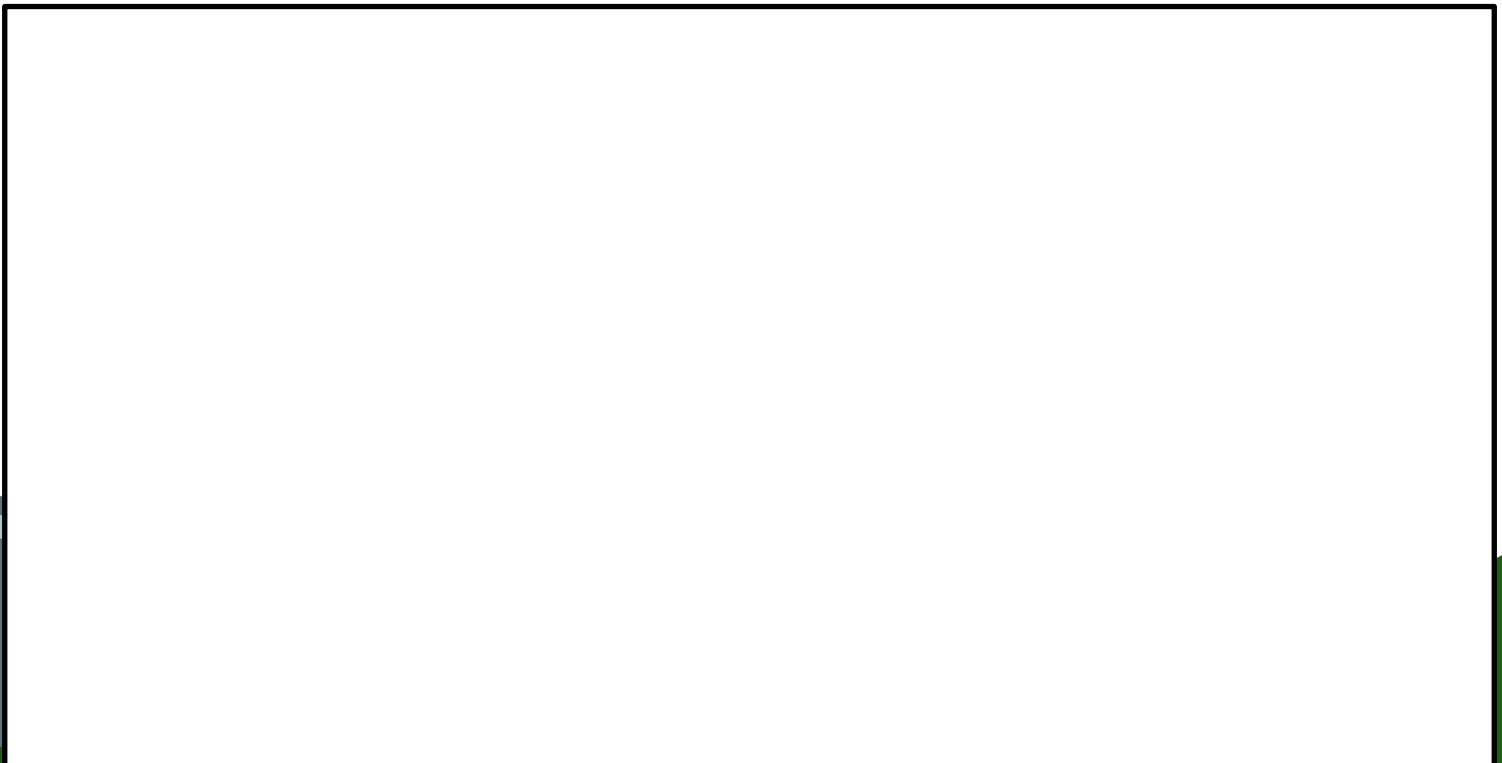


The new
Adidas
Parley Shoes



Stick a photo of your shoe creation here!

Design Idea - Use the space below to draw out a design which you can follow when making your shoe





What will I learn about in year 7?

In Physical Education there is a sport or activity for everyone. The PE curriculum will provide you with numerous **opportunities** to **participate** and **perform** to your best in.

You will develop and use a range of **tactics** and **strategies** to overcome opponents in direct competition through team and individual games: **badminton, basketball, cricket, football, netball, rounders/softball and rugby**.

You will develop your **technique** and improve your **performance** in other competitive sports: **athletics** and **gymnastics**.

You will perform **dances** using advanced dance techniques within a range of dance **styles** and **forms**.

You will have the opportunity to take part in **outdoor** and **adventurous activities** which present intellectual and physical challenges and be encouraged to work in a **team**, building on **trust** and developing skills to **solve problems**, either individually or as a group

In PE lessons you will analyse your **performances** compared to previous ones and demonstrate improvement to achieve your personal best.

What extra-curricular and enrichment opportunities will I have?

- There are termly inter-house sports competitions for you to be involved. The PE department also run a variety of teams and clubs.
- The school regularly competes in the Redditch Schools Partnership sports competitions and festivals.
- Students will have the opportunity to be selected to represent the School, District, and County in a variety of sports.

It has been fantastic to see current and past students compete for their Houses, School, District, County with some going on to represent their country in international competitions such as the Olympics.



Meet the P.E Department



Mr Maidment– Head of P.E.

- My favourite sports to teach are Badminton and Football.
- My favourite sportsperson is Daley Thompson.
- My favourite quote is:

“Everything in moderation”

- My likes are adventures and travel.
- My dislikes are sprouts.

Fitness Challenges Scores:

1. Agility (10x5m shuttle run):	16.4s
2. Coordination score (alternative hand throw and catch):	30
3. Flexibility score (sit and reach):	3pts
4. Muscular endurance (30 second press-ups):	30
5. Muscular Power (standing long jump):	2.06m
6. Speed (speed bounce):	90

Miss Ashley– 2nd in P.E. Department

- My favourite topic to teach is Gymnastics.
- My favourite sportspeople are Eliud Kipchoge and Simone Biles.
- My favourite quote is:

“Failing to prepare is preparing to fail”

- My likes are travelling and playing sport.
- My dislikes are celery.

Fitness Challenges Scores:

Agility (10x5m shuttle run):	24.15
Coordination score (alternative hand throw and catch):	30
Flexibility score (sit and reach):	10
Muscular endurance (30 second press-ups):	20
Muscular Power (standing long jump):	2m
Speed (speed bounce):	75



Mr Holtom – P.E. Teacher & Lead Head of Year

- My favourite sport is football.
- My favourite sportsperson is Michael Jordan .
- In my free time I play football, golf, racketball, padel tennis.

Meet the P.E Department



Miss Capaldi – P.E. Teacher & Head of Year 8

- My favourite sport to teach is Netball.
- My favourite sportspeople are Dina Asher Smith and Jonny Wilkinson.
- My favourite quote is:
“You miss 100% of the shots you don’t take”
- My likes are hockey, chocolate cake and holidays
- My dislikes are moths

Fitness Challenges Scores:

Agility (10x5m shuttle run):	245
Coordination score (alternative hand throw and catch):	20
Flexibility score (sit and reach):	10
Muscular endurance (30 second press-ups):	12
Muscular Power (standing long jump):	1m.98
Speed (speed bounce):	60

Mrs Holtom-Brown– P.E. Teacher and Deputy Headteacher

- My favourite sport to teach is Netball.
- My favourite sportsperson is Jessica Ennis-Hill.
- My favourite quote is:
“Everything happens for a reason”
- My likes are chocolate!
- My dislikes are cockroaches!

Fitness Challenges Scores:

1. Agility (10x5m shuttle run):	15.45
2. Coordination score (alternative hand throw and catch):	28
3. Flexibility score (sit and reach):	10pts
4. Muscular endurance (30 second press-ups):	20
5. Muscular Power (standing long jump):	1.55m
6. Speed (speed bounce):	60



Meet the P.E Department

Mr Taylor – P.E. Teacher & Head of Year 9



- My favourite sports to teach are Cricket and Rugby.
- My favourite sportspeople are Andrew Flintoff and Maro Atoge.
- In my free time I play Cricket and Rugby.
- My favourite quote is:
“Nothing matters very much, and few things matter at all”
- My likes are off piste skiing and seafood.
- My dislikes are untidiness/mess

Fitness Challenges Scores:

Agility (10x5m shuttle run):	235
Coordination score (alternative hand throw and catch):	28
Flexibility score (sit and reach):	3
Muscular endurance (30 second press-ups):	30
Muscular Power (standing long jump):	1.96m
Speed (speed bounce):	62

Mrs Bridgen – P.E. Teacher

- My favourite topic is history of dance.
- My favourite quote is:

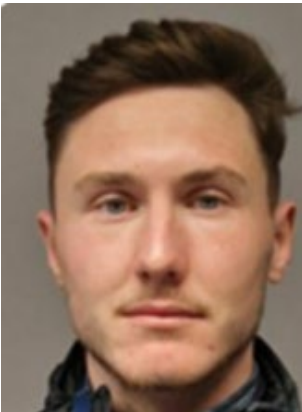
“failing to prepare is preparing to fail”

- Benjamin Franklin

- My likes are health and fitness, kindness, listening to music.
- My dislikes are laziness and people who are unkind.



Mr Bowen – P.E. Teacher & Head of Year 7



- My favourite sports to teach are rugby or badminton.
- My favourite sportsperson is Lewis Hamilton.
- My favourite quote is:
“Failure is the first step in the path to success.”

- My likes are the outdoors, exercise, socialising, spending time with family, dogs.
- My dislikes are chaos, last minute changes, people not reaching their potential/performing to their best.

Fitness Challenge Scores:

Agility (10x5m shuttle run):	325
Coordination score (alternative hand throw and catch):	30
Flexibility score (sit and reach):	15cm
Muscular endurance (30 second press-ups):	25
Muscular Power (standing long jump):	2.8m
Speed (speed bounce):	22



P.E Summer Activities



Complete the Woodrush Fitness Challenge!

Follow the instructions carefully to complete the challenge safely.

Fill in your results in the table below, can you beat any of the P.E staff scores?

Fitness Challenges Scores:

1. Agility (10x5m shuttle run):	
2. Coordination score (alternative hand throw and catch):	
3. Flexibility score (sit and reach):	
4. Muscular endurance (30 second press-ups):	
5. Muscular Power (standing long jump):	
6. Speed (speed bounce):	

Fitness Challenges Instructions:

Agility (10x5m shuttle run):

- Set up a distance of 5m marked at either end to create the running lane.
- Run the 5m distance a total of 10 times to complete 100m.
- Use a stopwatch to record the time.
- How fast in seconds can you complete the 20x5m shuttle run?

Flexibility score (sit and reach):

- Remove shoes and sit down in pike position.
- Keep knees completely locked/ straight and reach forward with one hand on top of the other.
- Stretch and hold position for two seconds.
- How many points can you score (1pt if you can touch your knees, 3pts if you can touch your shins, 7 pts if you can touch your ankles and 10 pts if you can touch your toes)

Muscular Power/ Explosive Strength score (standing long jump):

- Start from a standing position behind a line and jump as far as possible landing on two feet.
- You must start on two feet and land on two feet.
- You are not required to hold the landing but if you fall back or step back the jump should not be recorded - have another go!

Coordination score

(alternative hand throw and catch):

- Stand two metres from a smooth-surfaced wall.
- Throw the ball with one hand and catch with the other and repeat until the time is up.
- How many successful catches can you make in 30 seconds?

Muscular endurance score (30 second press-ups):

- On a cushioned surface performs as many full press-ups as possible in 30 seconds.
- Elbows moving from the locked, straight position to 90 degrees of flexion.
- How many press ups can you perform in 30 seconds

- How far in metres can you jump?

Speed (speed bounce):

- Roll up a towel and place it on a hard surface.
- See how many jumps you can do over the towel from side to side.
- You must start with 2 feet and land with 2 feet.
- Both feet must land over the towel to count as a bounce!
- How many jumps can you do in 45 seconds

Please use a flat / dry surface when performing the challenges

Follow the link for more information and demonstrations of the challenges by the PE teachers

<https://www.youtube.com/watch?v=aIS6Ks9H77k&t=2s>