METROPOLITAN BOROUGH OF CALDERDALE

Woodhouse Primary School

Daisy Road, Brighouse, West Yorkshire HD6 3SX
Tel : 01484 714750
Email: admin@woodhouse.calderdale.sch.uk

Headteacher: Mrs Anne Crane
Deputy Headteacher: Mrs Smaldon
Assistant Headteacher: Mr Freeman

Y5 Curriculum information: Summer 1

Key learning this half term:

English	Maths
We will be focusing on non-fiction writing this half term. We will be learning how to write biographies and letters based around the story/film 'Hidden Figures'. Our class reader will be The Boy at the Back of the Class.	We are learning to: - Round decimals with 2 decimal places to the nearest whole number or one decimal place - Read, write, order and compare numbers with up to 3 decimal places - Recognise the % symbol; write percentages as a fraction with denominator 100 and as a decimal - Solve problems which require knowing percentage and decimal equivalents of ½, ¼, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25 - Measure and calculate the perimeter of composite rectilinear shapes in cm and m - Calculate and compare the area of rectangles using cm^2 and m^2; estimate area of irregular shapes

We are also studying:

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RESPECT	Pupils will know	Key Vocab
Health and Well-being – Be Bold, Be Healthy **Physical health and Mental wellbeing** In this unit, children will learn about healthy sleep habits, sun safety, medicines, vaccinations, immunisations and allergies. **Growing and Changing** In this unit, children will learn about personal identity, recognising individuality and different qualities and mental wellbeing.	• how sleep contributes to a healthy lifestyle • healthy sleep strategies and how to maintain them • about the benefits of being outdoors and in the sun for physical and mental health • about safe and unsafe exposure to the sun, and how to reduce the risk of sun damage, including skin cancer. • the importance of sufficient good quality sleep for good health and that a lack of sleep can affect weight, mood and ability to learn. • how to manage risk in relation to sun exposure, including skin damage and heat stroke	Vaccinations Immunisations Allergies Personal identify Individuality Mental wellbeing
RE	Pupils will know	Key Vocab
What values are shown in codes for living? This half term, we will continue our topic 'what values are shown in codes for living.' Children will first consider their own values in life before exploring values in codes for living in different religions.	• To know what it meant by a 'code of living'. • To understand what a Humanist is and to know that some people believe that you should make the right choices even without a God. • To know that the values of Christianity include love, forgiveness, peace between people and God, honesty, prayer, worship and fellowship (togetherness).	love, forgiveness, peace between people and God, worship fellowship Ummah- community Forgiveness Charity

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	- To know that Muslims get their good advice from a variety of sources including; The Qur'an and Hadiths. - To know that Jews believe that they should take responsibility for the state of the world and therefore they follow a code for living called Tikkun Olam. - To name ways in which peace can be made.	integrity, love for the truth, personal responsibility reciprocity, atheism choice, good and bad, right and wrong morality, values, consequences
Science	**Pupils will know**	**Key Vocab**
Earth & Space Through this unit, children will understand about the relative movement, shapes and sizes of the Earth, Sun and Moon. They will also learn about the rest of the solar system and human's exploration of space.	- How the Earth, and other planets, move in relation to the Sun in the solar system - How the Moon moves in relation to the Earth - That the Sun, Earth and Moon are approximately spherical bodies - How the Earth's rotation explains day and night and the apparent movement of the sun across the sky.	Earth Planets Sun Solar system Seasons Weather Moon Spherical bodies Rotation Day Night

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Art and Design	Pupils will know	Key Vocab
This half term, children will learn about installation art, including identifying and comparing art installations, exploring space and scale in 3D art, problem-solving in construction, planning installations to communicate ideas and applying knowledge to develop and present installation art pieces effectively.	• To identify and compare features of art installations. • To investigate the effect of space and scale when creating 3D art. • To problem-solve when constructing 3D artworks. • To plan an installation that communicates an idea. • To apply their knowledge of installation art and develop ideas into	analyse art medium atmosphere concept culture display elements evaluate experience features influence installation art interact interactive location mixed media performance art props revolution scale scaled down

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		special effects stencil three dimensional
Computing	**Pupils will know**	**Key Vocab**
Spreadsheets Pupils will learn how to create formulae in spreadsheets to convert between measurements, calculate area and perimeter of shapes and use text variables.	• To use formulae within a spreadsheet to convert measurements of length and distance. • To use the count tool to answer hypotheses about common letters in use. • To use a spreadsheet to model a real life problem. • To use formulae to calculate area and perimeter of shapes. • To create formulae that use text variables.	Rows, Data Advance mode Formula wizard Spreadsheet Format, Formula 'How Many?' Tool Variable, Columns Formula Bar Totalling tool
Coding Pupils will learn how to code efficiently and simplify code to create a playable game. They will use simulations and real-life situations to learn about decomposition and abstraction in Computer Science. Pupils will also explore friction and function in code, how to create a string, text variables and concatenation.	• To begin to simplify code. • To create a playable game. • To understand what a simulation is. • To program a simulation using 2Code. • To know what decomposition and abstraction are in computer science. • To a take a real-life situation, decompose it and think about the level of abstraction.	Abstraction Action Algorithm Concatenation Debug/debugging Decomposition Efficient Flowchart Event

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	- To understand how to use friction in code. - To begin to understand what a function is and how functions work in code. - To understand what the different variables types are and how they are used differently. - To understand how to create a string. - To understand what concatenation is and how it works.	Function Input Nesting Object Output Physical system Properties Repeat Sequence Selection Simplify Timer Variable
Geography	**Pupils will know**	**Key Vocab**
Why do oceans matter? Pupils will learn about how we use our oceans, what the Great Barrier Reef is and why our oceans are suffering. They will then learn about what we can do to help our oceans and investigate how littered marine environments actually are.	- The location of key physical features in countries studied. - Why the ocean is important. - Some positive impacts of humans on the environment. - Some negative impacts of humans on the environment.	Atmosphere Biodegradable Buffer Coral bleaching Coral reef Decompose Digital map Disposable Ecology

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		Key Vocab
	• That GIS is a digital system that creates and manages maps, used to support analysis for enquiries. • That a pie chart can represent a fraction or percentage of a whole set of data. • Be aware of some issues in the local area. • What a range of data collection methods look like. • How to use a range of data collection methods.	Ecosystem Erosion Geology Habitat Human footprint Marine Microplastics Natural disaster Ocean current Policy Renewable energy Single use plastic Water cycle Species
French	**Pupils will know**	**Key Vocab**
How to lead a Healthy Life	**be able to explain how to lead a healthy life.** • They will be able to apply modal verbs • They will be able to recognise key infinitives to explain how to lead a healthy life • They will be able to apply modal verbs and infinitives to explain how to lead a healthy life	**il faut** (you must) **on doit** (you have to) **on pourrait** (you could) **on peut** (you can)

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		manger des légumes. (eat vegetables). **manger de la fruit.** (eat fruit). **boire plus d'eau.** (drink more water). **faire de l'exercice.** (do some exercise). **dormir bien.** (sleep well) **aller à pied.** (walk).
Music	**Pupils will know**	**Key Vocab**
We will be learning the pop ballad 'Make You Feel My Love' by Adele. We will enjoy musical activities using instruments to play and compose music.	- Maintain own part whilst others are performing their part - Use their understanding of meaning to add expression through the use of dynamics and tone - Perform by ear - Identify the notes in the spaces of the staff (FACE) and the lines (EGBDF) - Begin to perform from staff/stave/standard notation - Compose music at an appropriate tempo which meets specific criteria	Structure Pulse Rhythm Pitch Bridge Backbeat Amplifier Tempo Texture

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	• Repeat a phrase from the music after listening intently • Describe, compare and evaluate music using musical vocabulary • Explain why they think their music is successful or unsuccessful	Dynamics Chorus Bridge Riff Hook Improvise Compose
PE	**Pupils will know**	**Key Vocab**
Orienteering We will practise our orienteering skills to improve our map reading skills so that we can independently use a map to navigate our school grounds.	**Orienteering** • How to handle a map and us compass directions • Symbol names on a map • Follow a map independently • Use key features on a map to help navigation • To orient themselves around the map (positioned North)	**Orienteering** Map Orientate
Rounders We will practise our throwing, catching and batting skills before learning the rules of rounders. We will	**Rounders** • How to play competitive games • How to use running, jumping, throwing and catching in isolation and in combination	**Rounders** Bowling Catching Set position

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practise these rules as we play and consider different techniques.	- How to use the correct bowling technique - How to field effectively - How to use the correct batting technique	Fielding Bases Teamwork Batting