



YEAR 4 - SPRING TERM 2022

**Teachers - Mrs Williams, Miss Davis-Butler, Mrs Samuel
PPA staff- Mrs Chinneck and Mrs Barlow**

Welcome back to school after the holidays and welcome back to Year 4. Our topic for the Spring Term is 'Eco Warriors'. The children have already given us ideas about what they would like to learn and we have incorporated them into the curriculum plan below. It will greatly help your child's progress if you help them to practise their times tables, encourage them to do their daily Home Reading and to complete their weekly homework tasks.

LANGUAGES, LITERACY AND COMMUNICATION

Reading:

- Fiction texts linked to our topic, including 'The Last Bear' by Hannah Gold, 'All Through The Year' by Jane Godwin, 'The Great Kapok Tree' by Lynne Cherry, 'Where Forest Meets The Sea' by Jeannie Baker
- Non-fiction books including research books about different climates
- Welsh legends. Stories from other cultures.

Oracy:

- Interview a member of the Youth Climate Change Party for Wales
- Role play the part of a character from our key texts
- Debate - what is the point of planting trees?

Writing

- Comprehension activities based on class texts
- Cursive handwriting practice
- Non-chronological reports on animals from different habitats
- Authentic writing tasks for our enterprise
- Discussion text - can children make a difference to climate change?
- Persuasive writing linked to enterprise

Welsh

Yr Ysgol (School) and Chwaraeon (Sport)

Give reasons for opinions, e.g. Dw i'n hoffi ... achos mae'n ...

Extend sentences with a, achos and ond.

Talk about school subjects and sports - express opinions

International Languages

Italian greetings, colours and numbers.

Italian culture.

Fortnightly Mandarin lessons and Chinese culture.

MATHEMATICS AND NUMERACY

Place value; Addition and Subtraction

Place 4-digit numbers on landmarked lines; 0-10 000 and 1000-2000; round 4-digit numbers to the nearest 10, 100 and 1000; mentally add and subtract to/from 4-digit and 3-digit numbers using place-value; count on and back in multiples of 10, 100 and 1000; count on in multiples of 25 and 50; add and subtract multiples of 10 and 100 to/from 4-digit number

Subtraction; Multiplication

Use expanded written subtraction and compact written subtraction to subtract pairs of 3-digit numbers (one 'exchange'); use expanded column subtraction and compact column subtraction to subtract pairs of 3-digit and 2-digit numbers from 3-digit numbers (one 'carry'); learn the 7x table and 'tricky' facts; use the vertical algorithm to multiply 3-digit numbers by 1-digit numbers; solve simple money problems with decimals to two decimal places

Division; Fractions

Use mental multiplication and division strategies; find non-unit fractions of 2-digit and 3-digit numbers; find equivalent fractions and use them to simplify fractions (halves, thirds, quarters)

2D Shapes

Recognise and compare acute, right and obtuse angles; draw lines of a given length; identify perpendicular and parallel lines; recognise and draw line symmetry in shapes; sort 2D shapes according to their properties; draw shapes with given properties and explain reasoning; draw the other half of symmetrical shapes

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	<p><u>Mental Calculation Strategies</u> Understand how to divide 2-digit and 3-digit numbers by 1-digit numbers using place value and mental strategies; divide numbers by 1-digit numbers to give answers between 10 and 25, with remainders; identify factor pairs and use these to solve multiplications and divisions with larger numbers; use Frog to find complements to multiples of 1000; use Frog to find change from £10, £20 and £50</p> <p><u>Fractions, Decimals and Percentages</u> Revise unit fractions; identify equivalent fractions; reduce a fraction to its simplest form; count in fractions (each fraction in its simplest form). Look at place value in decimals and the relationship between tenths and decimals.</p> <p><u>Problem solving and reasoning skills:</u>Applying number skills in everyday situations, including finances.</p> <p><u>Times Tables</u> Differentiated and related division facts.</p>
<p>SCIENCE AND TECHNOLOGY</p> <p><u>Science</u></p> <ul style="list-style-type: none"> • Recognise that our planet provides natural materials and explain why they may have been processed to make them useful (coal and wood - history of coal mines in Wales and deforestation) • Describe the features of organisms and recognise how they allow them to live, grow and reproduce for survival in their environment. Find out the seven characteristics of living things. Use these characteristics to decide whether items are dead or alive. Find out how organisms have adapted to their habitats - rainforest, Antarctica and Wales • Investigation: Tracking temperatures and comparing to data from previous years <p><u>ICT</u></p> <ul style="list-style-type: none"> • Digital Literacy - My Digital World - research skills, evaluating data, understanding copyright. <p><u>DT</u></p> <ul style="list-style-type: none"> • Textiles - designing, creating and evaluating environmentally friendly tote bags using sewing skills for an enterprise project 	<p>HEALTH AND WELL-BEING</p> <p><u>PSE</u></p> <ul style="list-style-type: none"> • Finding out the importance of trees for our wellbeing • Empathy - Relating to others and understanding how they feel. Links to the novel 'The Last Bear' • Recapping our learning assets. • 10 Keys to Happiness - Action for Happiness • Jigsaw 3 - Dreams and Goals • Jigsaw 4 - Healthy Me <p><u>PE</u></p> <ul style="list-style-type: none"> • Improving our health and fitness through Real PE. • Completing a variety of athletic events completing personal records, targets and improvements. • Cooperating with others and giving helpful feedback. • Identify specific parts of performance to work on. • Develop sequences of actions that express ideas. • Perform a variety of

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	<p>movements and skills with good body tension.</p> <ul style="list-style-type: none"> • Outdoor small sided games - learning drills and skills related to netball
<p>HUMANITIES</p> <p><u>Geography</u></p> <ul style="list-style-type: none"> • Deforestation of rainforests • Exploring rising sea levels and how they may be affecting places like Antarctica • Looking at the Welsh initiative for planting one tree per household • Inquiry: How are trees good for us? <p><u>History</u></p> <ul style="list-style-type: none"> • Understand the consequences of actions & the actions of others, & how these affect local, national & global issues. • Plan & take an active role in response to challenges & opportunities in local community, Wales or the wider world, individually or as part of a team. • Know who is responsible for upholding rights in my locality, Wales & wider world. • Understand that some people are denied rights. • Understand how actions affect locality, Wales & wider world. <p><u>RE</u></p> <ul style="list-style-type: none"> • Easter and the Passover 	<p>EXPRESSIVE ARTS</p> <p><u>Art</u></p> <ul style="list-style-type: none"> • Explore art from different cultures • Rainforest art • Winter themed ice art • Responding to illustrations from 'The Last Bear' <p><u>Dance</u></p> <ul style="list-style-type: none"> • Respond creatively to a piece of eco music e.g. a junk band <p><u>Music</u></p> <ul style="list-style-type: none"> • Listen to and appreciate 'The Four Seasons' by Vivaldi • Create and perform a musical composition with junk instruments • Learn and perform some Welsh songs for the Eisteddfod
<p>OTHER INFORMATION</p> <p>Mondays and Thursdays are PE days for both Year 4 classes: Outdoor PE - Monday CW, Thursday RDB Indoor PE - Monday RDB, Thursday CW Homework will be set every Tuesday, to be completed by the following Monday.</p>	

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