

Year 4

Autumn term

Topic Web

- English Vocabulary**
- Paragraphs
 - Proper nouns
 - Pronouns
 - Expanded noun phrase
 - Expanded noun phrase with a modifying preposition
 - Fronted adverbial for time, place or cause (followed by a comma)
 - 'ing' sentence starter
 - Power of three sentence
 - Compound sentence (two independent clauses linked with a conjunction)
 - Subordinate clause (a clause which doesn't make sense on its own - could be a fronted adverbial with a comma, drop-in clause or at the end of a sentence)
 - Simile
 - Present perfect tense (he has gone...)
 - Determiners
 - a / an
 - apostrophe for possession
 - apostrophe for contraction
 - inverted commas for speech

- Maths**
- Place value:**
- Count in multiples of 6, 7, 9, 25 and 1000
 - Find 1000 more or less than a given number.
 - Count backwards through zero to include negative numbers.
 - Recognise, order and compare numbers beyond 1000.
 - Round any number to the nearest 10, 100 or 1000.
 - Solve number and practical problems.
 - Read Roman numerals to 100 (I to C)
- Addition and Subtraction:**
- Add and subtract numbers with up to 4 digits using the formal written methods
 - Estimate and use inverse operations to check answers to a calculation
 - Solve addition and subtraction two-step problems in contexts.
- Multiplication and division**
- Recall multiplication and division facts for multiplication tables up to 12 x 12
 - Use place value, known and derived facts to multiply and divide mentally.
 - I can recognise and use factor pairs and commutativity in mental calculations
 - Multiply 2-digit and 3-digit numbers by a 1-digit number using a formal layout
 - Solve problems involving multiplying and adding.
- Times Tables will be practised daily with our new progression system. Please encourage your children to keep practising these at home.*

- English**
- Talk for Writing** - Using different authors we will develop story writing using Talk for Writing.
- Non-fiction writing** - we will look at instruction writing linking to our topic and explanations linked to our science work on Animals including humans.
- SPAG** - daily focussed sessions will be used to learn spelling rules, punctuation and grammar which will be re-enforced within the children's fiction and non-fiction writing.

- Science**
- We will be working scientifically and investigating:
- Animals including humans**
We will be working scientifically and investigating:
- Nutrition** - identifying that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. We will learn about the types of teeth and how our bodies digest food.

- Science Vocabulary**
- Animals including humans:**
- Healthy, nutrients, energy, saturated fats, unsaturated fats, tear, crush, grind, incisors, canines, molars, pre-molars, digestion, tongue, oesophagus, stomach, enzymes, chyme, small intestine, large intestine, bile, producers, consumers, prey, predator, food-chain.



- Geography Vocabulary**
- County, region, sustainable, human process, physical process, Topographical feature, human feature, physical feature

- Geography: My Communities**
- We will be exploring the different communities we are part of locally, nationally and globally. We will be working as geographers to explore human and physical processes, through fieldwork, maps, atlases, globes and aerial photographs. In outdoor learning, we will also be using and creating maps, exploring grid references and OS map symbols.
- Art - Exploring Identity**
Creating mixed media layered portraits.
- DT - Cooking and nutrition**
Our DT focus will be exploring, tasting and making bread - this may be done using outdoor cooking as well.
- MFL - French**
We will be listening and responding to stories, exploring phonics and grammar using known and new vocabulary, speaking in sentences and reading and writing words and phrases to explore the country of France.

- Computing**
- In Computing, we will be building our knowledge of programming as well as keeping ourselves safe on the internet.
- Music**
- In Music, we will be learning to read music, perform and play with instruments and using our voices.
- RE / PSHE**
- In RE, we will focusing on these big questions:
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| Year 3/4 |
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| Creation and fall - What do Christians learn from the Creation story? |
| People of God - What is it like to follow God? |
- In PSHE, we will be focusing on the topics of Me and My Relationships and Valuing Difference.
- PE**
- In our PE sessions, we will be learning the skills of invasion games and target games on Wednesday afternoons with Pro-coaching.

Place value	Addition and subtraction	Multiplication and division
Partition, represent, compare, order, greater than, less than, ascending, descending, estimate, negative numbers, Roman numerals, round, ones, tens, hundreds, thousands, digit, zero.	Add, subtract, total, altogether, difference, exchange, column addition, column subtraction, exchange, estimate,	Multiply, groups of, lots of, times, exchange, divide, share, remainder, product, multiple, factor, dividend, divisor.

