

Year 1 curriculum overview - 2016/2017

Termly literacy

Reading - word reading - Apply phonic knowledge and skills; know all of the 40+ phonemes. Read common exception words. Read words containing taught sounds and -s, -es, -ing, -ed, -er and -est endings. Read words with contractions (for example - I'm, I'll, we'll). Accurately read aloud books that are consistent with their developing phonic knowledge; re-read these books to build up their fluency and confidence in word reading.

Reading - comprehension - Develop pleasure in reading, motivation to read, vocabulary and understanding by: listening to and discussing a wide range of poems, stories and non-fiction. Become very familiar with key stories, fairy stories and traditional tales. Retell, recognise and join in with predictable phrases. Learn to appreciate rhymes and poems, and recite some by heart. Understand the books they can already read accurately and fluently and those they listen to by drawing on what they already know, checking that the text makes sense to them, discussing the significance of the title and events and predicting what might happen. Participate in discussion about what is read to them, take turns and listen to what others say.

Writing - spelling - Spell words containing each of the 40+ phonemes, common exception words and the days of the week. Name the letters of the alphabet in order. Add suffixes -s or -es to regular nouns (for example - dog, dogs; wish, wishes). Understand that suffixes can be added to verbs where no change is needed in the spelling of the root word (for example - help, helping, helped, helper). Understand how the prefix un- changes the meaning of verbs and adjectives (for example - unkind or undoing: untie the boat).

Writing - handwriting - Sit correctly at a table holding a pencil comfortably and correctly; begin to form lower-case letters in the correct direction, starting and finishing in the right place; form capital letters; form digits 0-9; understand which letters belong to which handwriting 'families' and practise these.

Writing - composition - Understand that when you combine words they form sentences. Understand how you can sequence sentences to form short narratives. Write sentences by saying out loud what they are going to write about, compose a sentence orally before writing it, sequence sentences to form short narratives and re-read what they have written to check that it makes sense. Discuss what they have written with the teacher or other pupils and read aloud their writing clearly enough to be heard by others.

Writing - vocabulary, grammar and punctuation - Leave spaces between words. Join clauses using 'and'. Begin to punctuate sentences using a capital letter, full stop, question mark or exclamation mark. Use a capital letter for names of people, places, the days of the week and the personal pronoun 'I'. Understand and use the following terminology: letter, capital letter, word, singular, plural, sentence, punctuation, full stop, question mark and exclamation mark.

Termly mathematics

Number - number and place value - Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers to 100 in numerals, count in multiples or 2's, 5's and 10's. Identify 1 more and 1 less from a given number. Identify and represent numbers using objects and pictorial representations including the number line. Use the language of: equal to, more than, less than (fewer), most, least. Read and write numbers from 1 to 20 in numerals and words.

Number - addition and subtraction - Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. Represent and use number bonds and related subtraction facts within 20. Add and subtract 1 digit and 2 digit numbers to 20, including 0. Solve one-step problems that involve addition and subtraction using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$.

Number - multiplication and division - Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays.

Number - fractions - Recognise, find and name a half as one of two equal parts of an object, shape or quantity. Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Measurement - Compare, describe and solve practical problems for: length, mass/ weight, capacity and volume. Measure and record the following: lengths, heights, mass/weight, capacity/volume and time. Recognise and know the value of different denominations of coins and notes. Sequence events in chronological order. Recognise and use language relating to dates, including days of the week, weeks, months and years. Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

Geometry - properties of shape - Recognise and name common 2-D and 3-D shapes.

Geometry - position and direction - Describe position, direction and movement.

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Autumn term

Theme - You & Me, Me & You

Science: *Seasonal changes*; observe changes across the four seasons; observe and describe the weather associated with the seasons and how day length varies across the year. *Animals including humans*; identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense, use the local environment throughout the year to explore and answer questions about animals in their habitat. *Animals including humans*; identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Geography: Maps - locate where we were born, investigate weather in the UK and abroad.

History: Look at changes within our own living memory. Look at and draw family trees.

Art: Draw self-portraits. Look at and discuss Picasso's paintings; create own Picasso style painting using shapes and colour.

Music: Body percussion.

Literacy links: Daily phonics and guided reading (Bug Club) sessions. Read and write stories linked to themselves and families. Leaflet for a fitness video. Poetry

Theme - Time Machine - Theatre trip for a Christmas Show

Science: *Everyday materials*; distinguish between an object and the material from which it is made; identify and name a variety of everyday materials including: wood, plastic, glass, metal, water and rock; explore and experiment with a wide variety of materials; describe the simple physical properties of a variety of everyday materials; compare and group together a variety of everyday materials on the basis of their simple physical properties; explore, name, discuss, raise and answer questions about everyday materials. *Seasonal changes*; observe changes across the 4 seasons; observe and describe the weather associated with the seasons and how day length varies.

Art: Texture: use a variety of materials to explore patterns.

Geography: Study seasonal and daily weather in the UK.

History: Study events beyond living memory and research significant people including: knights, kings and queens; study significant historic events in our locality, significant events beyond living memory and an aspect of change in national life.

Music: Play tuned and un-tuned instruments.

Literacy links: Daily phonics and guided reading (Bug Club) sessions. Writing letters and poetry.

Discrete subjects

Computing: We are treasure hunters (using programmable toys); We are TV chefs (filming the steps of a recipe).

RE: Why Are We Thankful; Harvest; Christianity; Christmas.

PSHE&C: New beginnings; Getting on and falling out.

PE: Dance - moving imaginatively; gym - turning, rolling and balancing; games - ball throwing and catching, receiving and striking.

DT: Making a freestanding structure using natural materials.

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Spring term

Theme - Jurassic World

Science: *Animals including humans;* identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals, identify and name a variety of animals that are carnivores, herbivores and omnivores, describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets), use the local environment throughout the year to explore and answer questions about animals in their habitat, learn how to take care of animals from their local environment and the need to return them safely after study.

Art: Create a dinosaur print out of clay.

History: Study events beyond living memory - Mary Anning.

Geography: Use maps to study continents and oceans.

Literacy links: Daily phonics and guided reading (Bug Club) sessions. Non-chronological reports. Stories with a historical setting. Poetry. Recounts. Stories.

Theme - Once Upon a Time - visit to Polka Theatre for story telling

Science: *Plants;* identify and name a variety of common wild and garden plants, including deciduous and evergreen trees; identify and describe the basic structure of a variety of common flowering plants including trees; use the local environment throughout the year to explore and answer questions about plants growing in their habitat; observe the growth of flowers and vegetables that they have planted; understand the life cycle of a plant.

Music: Play tuned and un-tuned instruments; experiment and combine sounds.

DT: Make a moving picture using sliders and levers.

Literacy links: Daily phonics and guided reading (Bug Club) sessions. Read and write traditional tales. Poetry. Recounts. Letter Writing. Instructions.

Discrete subjects

Computing: *We are Painters* (illustrating an e-book); *We are Collectors* (finding images using the web).

RE: Christianity; Judaism; The Easter story.

PSHE&C: *Going for goals;* *Good to be me.*

PE: Dance - use of movement; Gym - traveling, being still and making shapes; jumping and turning; Games - kicking and striking and inventing games.

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Summer term

Theme - The Secret Garden

Science: *Plants:* identify and name a variety of common, wild and garden plants, including deciduous and evergreen trees; identify and describe the basic structure of a variety of common flowering plants including trees; use the local environment throughout the year to explore and answer questions about plants growing in their habitat; observe the growth of flowers and vegetables that they have planted. *Seasonal changes:* observe changes across the 4 seasons; observe and describe the weather associated with the seasons and how day length varies.

Art: Colour; drawing, painting, texture and using materials to make products. Paint landscapes and study the work of famous artist - Van Gogh

Geography: Carry out simple fieldwork; use observational skills.

DT: Preparing fruit and vegetables to make a healthy fruit salad.

Music: Listen to a variety of music including live and recorded and use voices expressively.

Eco Schools: What is happening in the school grounds?

Literacy links: Daily phonics and guided reading (Bug Club) sessions. Read and write instructions for planting/ looking after plants. Stories. Poetry.

Theme - Walk the Plank - Chessington Sea-Life Centre

Science: *Plants:* use the local environment throughout the year to explore and answer questions about plants growing in their habitat; observe the growth of flowers and vegetables that they have planted. *Animals including humans:* identify and name a variety of common animals including: fish, amphibians, reptiles, birds and mammals; identify and name a variety of animals that are carnivores, herbivores and omnivores; describe and compare the structure of a variety of common animals including: fish, amphibians, reptiles, birds and mammals; use the local environment throughout the year to explore and answer questions about animals in their habitat; learn how to take care of animals from the local environment and understand the need to return them safely after study; identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Geography: Understand basic geographical terminology. Identify the physical and human features of a location. Use maps to locate the world's 7 continents and 5 oceans. Use directional language and compare locations (UK and non-European countries).

Art: Create a sea-life creature model using recycled materials.

Music: Play tuned and un-tuned instruments; listening with concentration.

Eco-Schools: Litter and waste.

Literacy links: Daily phonics and guided reading (Bug Club) sessions. Recounts. Leaflets. Story Writing.

Discrete subjects

Computing: We are Storytellers (producing a talking book); We are Celebrating (creating a card electronically).

RE: Hinduism.

PSHE&C: Relationships; Changes

PE: Dance - changing levels and direction; Gym - choosing and linking skills and actions in short movement sequences; Athletics; Games - throwing and rolling a ball.