# Curriculum Year 2 Overview (2019)



## MATHS

# Number - Place Value, Addition And Subtraction, **Mutiplication And Division**

- Count 2, 3, 5 and 10's
- Place value for tens and units
- Identify, represent and estimate numbers
- Compare and order numbers using signs
- · Read and write numbers
- Use number facts and place value to solve problems
- Add and subtract facts to 20 and derive related facts to 100
- Add and subtract a variety of 1 and 2 digit numbers from
- any 2 digit number
- Inverses
- Read and solve word problems
- Odd and even numbers
- Recall and use multiplication and divisions facts 2, 5, 10
- Arrays

# Measures

- Choose and use appropriate standard units
- Compare and order amounts and coins to equal same
- Use £ and decimal point for pence
- Solve problems and give change
- Read times to 5 minute intervals
- Know time relationships
- Properties of 2d and 3d shapes
- Draw 2-d / Make 3-d shapes and identify within a
- different context
- Position and direction
- Rotation as a turn, clockwise and anticlockwise

#### Data

- · Interpret simple tables, tally charts, block diagrams
- Ask and answer comparison questions and about totalling

# Fractions

- Recognise, find and name fractions
- Understand equivalence eg 2/4 = 1/2

## **PSHE**

- Introduction to e Safety
- Myself and others
- Healthy lifestyles
- Personal hygiene
- Anti-bullving week
- Body awareness
- Safety in the home and local environment
- Healthy eating and exercise
- People who make a difference in the community and local environment

# **SCIENCE**

# **Working Scientifically**

- Develop processes and skills by asking and answering questions,
- observing, performing simple tests, identifying classifying
- recording data

# **Living Things And Their Habitats**

- Explore and compare the differences between things that are living, dead, or which have never been alive
- identify habitats to which living things are suited and how they depend on each other Name plants and animals in their habitats
- Name sources of food and understand simple food chains

## **Plants**

- Observe and describe how seeds and bulbs grow
- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy

# **Animals Including Humans**

- Notice that animals including humans have offspring which grow into adults
- Find out about and describe the basic needs of animals, including humans for survival (water, food and air)
- Describe the importance for humans of exercise, eating the right amounts of different types of food and hygiene

# **Uses Of Everyday Materials**

- Identify and compare the suitability of a variety of everyday materials including wood, metal, plastic, glass, rock, paper and cardboard
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

# **MODERN FOREIGN LANGUAGES**

- Introduce the children to the French language through simple games, songs and cultural celebrations.
- Listen and engage.
- Recognise simple words and respond with actions.
- Introduce basic vocabulary.
- Develop pronunciation.

## **Topics**

Names and Greetings.

Colours.

Christmas Greetings.

Count simple numbers.

Days and Months.

Easter

# COMPUTING

- Understand the use of algorithms (instructions)
- Write and debug programs by using Scratch
- Use logical reasoning to make predictions by using Scratch
- Organise, store, retrieve and manipulate digital content linked to vehicles and creating an e book
- Communicate online safely and respectfully
- Recognise common use of information technology beyond school
- Use technology purposefully to create and e mail

# **RELIGIOUS STUDIES**

How do we respond to the things that really matter? Christianity

What do special stories teach worshippers and others? Giving and receiving significant news-perform the nativity.

How and why is celebrating important in religion and worship? Christianity and celebration within the church.

Why do some people have religious rituals? Power of prayer.

Hinduism

Can worship help people remember what is important?

Puia and the Mandir

Does worship have to happen in a certain place at a certain time? The first Muezzin, rituals, prayer and the Mosque

Wow: Visit local church and Christmas Production

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## **ENGLISH**

# Speaking and Listening

- listen to and respond appropriately to others
- build vocabulary
- ask relevant questions, giving opinions descriptions and explanations
- speak clearly and fluently
- participate in discussions, presentations,
- performances and role play

# Reading - Word Recognition

- apply phonic knowledge and skills
- read words containing common suffixes
- read some books aloud and reread books to aid fluency and confidence in word reading

# **Reading Comprehension**

- develop pleasure in reading
- listen to, discuss and express views on books
- discuss sequences of events
- be familiar with and retell a wide range of stories
- recognise recurring literacy language
- discuss new words for meaning
- ask and answer questions
- make inferences and predictions
- participate in discussions about books and taking turns listening to what other say

## Writing - Spelling

- spell by segmenting into sounds
- learn ways of spelling different phonemes
- apply spelling rules
- write simple dictated sentences with punctuation

## **Vocabulary, Grammar and Punctuation**

- use conjunctions such as and, if, but, because,
- noun phrases for description and precise detail
- present and past tense verbs
- use a range of punctuation
- different sentence types

## Composition

- write about personal experiences and real events
- write for different purposes plan what to write
- write careful sentences using new vocabulary
- evaluate writing and make additions, revisions and corrections after rereading for sense
- read aloud what has been written

### Handwriting

- form capital and lower case letters of the correct size and orientation
- start joining letters and use appropriate spacing

# WOW: Link to instructions in a recipe Christmas Production

## MUSIC

- Sing songs and use voices confidently
- · Listen/ identify different sounds and recall
- patterns
- Create rhythmic patterns
- Create/ change sounds on instruments, to
- · reflect different stimuli
- Listen and respond to live and recorded music
- Perform long/short sounds in response to symbols

WOW: Whole school musical experiences

WOW: Specialist keyboard tuition with

## performance

## DESIGN AND TECHNOLOGY

- Design purposeful, functional and appealing
- products
- Generate, model and communicate ideas through investigation
- Use a range of tools and materials for a task
- Evaluate products against design criteria
- Understand where food comes from
- Understand principles of a healthy diet
- Know and use technical and sensory vocab
- Distinguish between fixed and freely moving axles

# WOW – Creating a food product

#### HISTORY

Key Concepts Events beyond living memory (linked to national life as appropriate)

- · Compare our childhood to that of a Victorian child.
- Key Individuals Lives of significant historical

figures including comparisons of different periods e.g. Queen Elizabeth 1and Queen Victoria

 Compare the lives of two travellers – Columbus and Armstrong

Key Events Significant historical events e.g.

Great Fire of London

# Skills to be learnt:

- Timelines of events.
- Sequence events of someone's life.
- Find and use evidence to find out about the past.
- Make comparisons between past and present, old and new.
- State similarities and differences.

WOW – Visit a place of historical interest linked to topic eg Speke Hall

## PHYSICAL EDUCATION

 Master basic movements e.g. running, jumping, catching, balance, agility and coordination.

Ravenbank

- Participate in team games, developing tactics for attacking and defending
- Perform dance using simple patterns of moves. Include balance, directions and speed for effect. Use skills as part of a performance. Work with different people for effect.

## ART AND DESIGN

Use sketch books to record and explore ideas from first hand observations and develop ideas.

Explore the work of artists, craftspeople and designers from different times and cultures.

Drawing: Experiment with a variety of media. Observe and draw shapes and lines and invent new ones. Investigate tone and texture.

Painting: Experiment with a variety of tools and techniques. Mix and match colours, name different types of paint and their properties. Identify and mix primary colours and their shades and tones.

Textiles: Weave materials and decorate by using glue(or stitching)

WOW – Patterns and shapes inspired by a visit to the local area to be used to design and make printing blocks from different materials then create a product.

## GEOGRAPHY

## Locational Knowledge

- Name, locate and identify the capital cities of the United Kingdom and its surrounding seas.
- Name and locate the world's seven continents and five oceans.

# Place Knowledge

 Understand similarities and differences through studying a small area of the United Kingdom – Lymm and a small area in a contrasting non-European country- Kenya (Africa).

# Human and Physical Geography

- Identify seasonal and daily weather patterns
- Use basic geographical vocabulary and aerial photographs to describe basic human and physical features

# Geographical skills and fieldwork

- Use globes, atlases and maps to identify the UK, countries and continents.
- Use simple compass directions to describe the locations of features on a map.
- Use aerial photography and landmarks to create a simple map and use a basic symbols in a key
- Use simple fieldwork and observational skills to study the immediate environment.

WOW : Lymm Village walk