

Year 4: Knowledge Organiser: Summer Term: The Americas Route 66

Key Book this term:



Local visitors: possibility of inviting a panel of guests to take part in a guestion and answer session about local buildings, leading into the children planning and running a campaign to save a particular building. The Big Finish: children to consolidate their learning into a big piece of creative work, illustrating what makes a building special. Their work will be exhibited and is a chance to share their learning with the school, family and friends. Try at home and add to Seesaw seesaw











Spot the difference









- List all the ways these two animals are the same
- · List all the ways they are different.





Guided Reading: The Wild Robot Key Skills/knowledge:

- √ make predictions about a text
- $\sqrt{\mathsf{look}}$ at the meaning of new vocabulary the author has used
- $\sqrt{}$ retrieve information from a text- be detectives and find the answers in the writing
- √answer inference questions, where we have to make our own decisions about whet the author is trying to tell us

Key Vocabulary: predict, summarise, retrieve, interpret.



Can you predict how we will use robots in the future?

Geography: The Americas Key Skills/knowledge:

- $\sqrt{\text{use a map to identify countries}}$ and states in North
- $\sqrt{}$ use eight compass points to locate cities in North
- √ name some North and South American cities
- $\sqrt{}$ use geographical language to describe some North and South American cities from photographs
- $\sqrt{}$ name some regions in North and South America
- $\sqrt{\text{follow a route (Route 66) on a map.}}$

Key Vocabulary: 'continent', 'region', 'country', 'state' and 'city'





What facts can you research about Route 66?

History: Why Should we preserve our locality? Key Skills/knowledge:

- √ use common words and phrases relating to the passing of time
- √ develop a chronologically secure knowledge and understanding of British and local history
- √ develop the appropriate use of historical terms √ answer and devise historical questions about change,
- cause, similarity, difference and significance √ understand how our knowledge of the past is
- constructed from a range of sources.

Key Vocabulary: Significant, listed, period names, architecture, names of features related to the buildings, architectural terms, terms related to time periods, campaign, migration, leisure, worship, heritage.

Listen to "I've been everywhere- Jonny Cash nttps://www.youtube.com/watch?v=ov4epAJRPMw

What and where is this?.



PSHE/RSE:

Jigsaw: Relationships

Building positive, healthy relationships

Key Vocabulary: Relationship, jealousy, emotions, acceptance, depression, pressure, personal, empathy

Jigsaw: Changing me

Changing bodies / caring friendships. How do we feel when changes happen? Key Vocabulary: Unique, characteristics, gene,

puberty, menstruation, (male, female body part names)

Big Finishers:

Pupils will:

Mathematics - Produce a fraction reading book. Geography- A Map of the geographical route History- Exhibition of the history of the school

The children will visit The Suffolk Farming Day and Charlie and The Chocolate Factory London Show.

Science: Living things and their habitats Key Skills/knowledge:

- $\sqrt{\text{learn how living things can be classified}}$ √ use a simple key to identify living things
- √ learn about invertebrates and vertebrates
- √ learn how to sort and classify living things

Key Vocabulary:

- Classify
- Key
- Organism
- Habitat
- Invertebrate
- Insect
- Millipede

- Centipede
- Mammal
- Bird
- Amphibian
- Reptile
- Fish
- Flowering plant

Computing: Pictograms and Networks

Key Skills/knowledge:

√ identify the input and output devices used to record and play sound

√use a computer to record audio

√ can re-record to improve my recording

 $\sqrt{\text{can inspect the soundwave view to know where to trim}}$ my recording

Key Vocabulary: audio, podcast, record, align, soundwave

Physical Education: Athletics

Key Skills/knowledge:

- √ Confidently demonstrate an improved technique for sprinting
- √ Continue to develop techniques to throw for increased distance
- √ Modify their use of skills or techniques to achieve a better result

Religious Education: How does the story of Rama and Sita inspire Hindus to follow their dharma?

Key Skills/knowledge:

- √ describe what Hindus might learn about dharma or 'right action' from the story of Rama and Sita
- $\sqrt{\mathsf{describe}}$ some things Hindus do to celebrate Rama and Sita's commitment to duty, some the same, some different
- $\sqrt{\mathsf{describe}}$ some difference ways Hindus show their beliefs in actions / symbols/words during a wedding 4d I can compare some of the things/ people that influence me with those that influence others, including how the characters in Ramayana influence Hindus
- $\sqrt{}$ ask whether everyone has the same or different duties in life and compare my ideas with others, including a Hindu view
- \checkmark link things that I, and others, value as the 'duties of a human' and those valued by Hindus, with how we actually think and behave

Key Vocabulary: Dharma, Raksha Bandhan, Rama, Sita, celebrate, duty, Diwali



Research the ceremony of Raksha Bandhan

Mathematics:

Practice times tables facts 2 to 12 and their related division facts.

Geometry & Measures

• Compare 2-d shapes, including quadrilaterals & triangles

Add & subtract fractions with common denominators

- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Identify symmetry

Fractions & decimals

- Use first quadrant coordinates
- Introduce simple translations

Data

Use bar charts, pictograms & line graphs

Recognise tenths & hundredths

Recognise common equivalents

 $\sqrt{\text{Find}}$ the pulse when listening to music

Round decimals to whole numbers

Practice telling the time on a clock or watch

 $\sqrt{\text{Will}}$ be able to play on glockenspiel notes: C, D and E

Identify equivalent fractions

Solve money problems

Music: Blackbird

√ Clap to a rhythm

√ Sing in two-parts

Key Skills/knowledge:

Fractions - numerator. denominator, unit fraction, nonunit fraction, compare and order, tenths, decimal point. Statistics-chart, bar chart,

frequency table, Carroll diagram, Venn diagram, Axis, Axes, diagram.

Time, Money and Shape:

O'clock, 1/2 past. 1/4 past, hour, Costs more, costs less, change, How much? Total.

Arts and Design Technology:

Pupils will look at the work of Howard Hodgkin, his coiled clay pots and his 3D paper relief. They will understand the process of developing their own coiled clay pots. They will make 3D relief paper forms.

Key Vocabulary:

Layer, form, review, decoration, , prime, transfer, coil, spiral, base, vertical, linear, curves,

Food Technology

Pupils will develop ideas and research into people's likes and dislikes to design their own bread suitable for a summer's picnic.





What facts can you remember about the Romans? How many facts can you write down?

Position and Direction: Coordinates, translation, quadrant, x-axis, y-axis, perimeter and area.

Listen to and sing along to "Yellow

Submarine by the Beatles

English: Reading

http://www.pocketmovies.net/download/hoverbike

Challenge: Read ten books: five fiction books from different genres and five non-fiction books and write book reviews for each one.

 Correctly spell common homophones Increase regularity of handwriting

Plan writing based on familiar forms

- Organise writing into paragraphs
- Use simple organisational devices

Key Vocabulary: Acoustic guitar, percussion, birdsong, civil rights, racism, equality, pentatonic scale, unison, pulse, rhythm, pitch, tempo, dynamics, texture, structure, compose, improvise, hook, riff, melody, solo.

but.

- Secure decoding of unfamiliar words Read for a range of purposes
- Retell some stories orally
- Discuss words & phrases that capture the imagination
- Identify themes & conventions
- Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify & summarise ideas

English Writing

- Proof-read for spelling & punctuation errors

 Use & punctuate direct speech
- Evaluate own and others' writing
- Read own writing aloud

Soga: Using and understanding the terminology-

- · Use wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity
- Use commas after front adverbials
- Conjunction— a word used to connect clauses or sentences or to coordinate words in the same clause (e.g. and, but, if).
- Nouns and pronouns-A noun identifies a person, animal or thing. Pronouns are words like he, she, yourself, mine, who, this and someone.
- Direct speech-Put simply, direct speech is a sentence where the exact words that are spoken are written in speech marks, quotation marks, or inverted commas.
- Fronted Adverbials-A fronted adverbial includes words or phrases which add some extra information to a sentence. The adverbial words or phrases are placed at the start of the sentence and come before the verb.

