Curriculum Overview Year 4 - Summer Term

English

Key texts –
Grandpa Chaterjee
Wind in the Willows
Why the Whales Came

Reading

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

Writing

- Correctly spell common homophones
- Increase regularity of handwriting
- Plan writing based on familiar forms
- Organise writing into paragraphs
- Use simple organisational devices
- Proof-read for spelling & punctuation errors
- Evaluate own and others' writing
- Read own writing aloud

Grammar

- Use wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity
- Use & punctuate direct speech
- Use commas after front adverbials

Speaking & Listening

- Articulate & justify opinions
- Speak audibly in Standard English
- Gain, maintain & monitor interest of listeners

Science

- States of matter: solids, liquids and gases, cooling, heating, evaporation and condensation, links to the water cycle.
- Living things and their habitats: grouping and classifying living things, using classification keys, recognising that environments can change and that this can pose a threat to living things

Physical Education

- Striking and Fielding – learning skills and tactics necessary to play Dartmoor 3 Ball
- OOA – Orienteering and team building, using Decoy Country Park, and linking to geography map work

Design & Technology

To design a moving model of a river creature

- To understand how a closed pneumatic mechanisms (hydraulic) work
- To create a closed pneumatic system
- Making products fit for purpose
- Design skills
- Technical and making skills
- Evaluating skills

History

None this term

Maths

Number/Calculation

- Know all tables to 12 x 12
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition & subtraction up to 4 digits
- Multiply & divide mentally
- Use standard short multiplication

Geometry & Measures

- Compare 2-d shapes, including quadrilaterals & triangles
- Find area by counting squares
- Calculate rectangle perimeters
- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Identify symmetry
- Use first quadrant coordinates
- Introduce simple translations

Data

- Use bar charts, pictograms & line graphs

Fractions & decimals

- Recognise tenths & hundredths
- Identify equivalent fractions
- Add & subtract fractions with common denominators
- Recognise common equivalents
- Round decimals to whole numbers
- Solve money problems

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Geography

Rivers topic
- How a river is born
- The journey of a river
- The water cycle
- Fresh water and salt water
- Esturies and deltas
- Great rivers of the world
- Rivers for people focusing on the human geography of rivers
- Buidling geographical skills including mapwork focusing on keys, compasses and grid references

Music

- Use voice & instruments with increasing accuracy, control and expression
- Improvise & compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded music

Art & Design

Topic study of Rivers

- Using sketching media to make drawings from observation or rivers
- Study of Claude Monet waterlilies, using oil pastel and paint
- Using print techniques including stencils and monoprint to create abstract river scenes

Modern Foreign Languages

Japanese
Learn to ask and answer simple questions and describe simple nouns in terms of colour, in order to:

- Engage in conversations;
- ask and answer questions;
- express opinions and respond to those of others;
- seek clarification and help appreciate stories, songs, poems and rhymes in the language.
- Describe people, places, things and actions orally

Computing

Using Espresso Coding and Scratch to create simple games with **repetition** and **conditionals** and selection in order to:
- Design & write programs to achieve specific goals, including solving problems
- Use logical thinking to solve an open-ended problem by breaking it up into smaller parts.
- Use an efficient procedure to simplify a program.
- Use a variety of tools to create a program.
- Recognise an error in a program and debug it.
- Use internet safely and appropriately
- Online safety
- Identify key words to use when searching safely on the World Wide Web.
- Consider the reliability of information I read on the World Wide Web.
- Create a hyperlink to a resource on the World Wide Web.

Religious Education

- Exploration of the significance of Pentecost to Christians
- What does it mean to Hindu in Britain today?