



English (some key objectives)

Spelling – weekly lists will be sent home

- Understand rules for 'ei' and 'ie' words and learn to spell words ending able/ably or ible/ibly (Y5)
- Learn rules for possessive apostrophes with plural words, homophones and words ending in -ure (Y4)

Punctuation and grammar

- provide more details by using expanded noun phrases and using and punctuating fronted adverbials (Y4)
- indicate degrees of possibility using adverbs or modal verbs, and use brackets, dashes or commas to show parenthesis (Y5)

Writing composition

- Create a playground game inspired by Ice Palace's 'Starjik' and write instructions explaining how to play
- Research and create an information leaflet explaining how to survive extremely cold weather
- Write the ending to a narrative including character and plot

Reading

- Non-fiction: read fact books to research Russian geography and history and analyse information leaflets to help create own
- Fiction: read *Ice Palace* by Robert Swindells
- Develop reading skills: predicting, drawing inferences, summarising, justifying opinions with evidence

Mathematics (some key objectives)

Year 4

- Multiply two/three digit numbers by one digit using formal method
- Recognise and show, using diagrams, families of common equivalent fractions
- Recognise mixed numbers and improper fractions and convert from one form to the other
- Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10
- Calculate fractions of quantities
- Add and subtract fractions with the same denominator
- Recognise and write decimal equivalents of any number of tenths or hundredths
- Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$
- Compare numbers with the same number of decimal places to two decimal places e.g. 1.23 and 1.28
- Divide a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Year 5

- Multiply four digit numbers by a one or two digit number using the formal method, including long multiplication
- Divide numbers up to four digits by one digit using short division
- Solve problems using combinations of all four number operations (+ - x ÷)
- Calculate areas of rectangles using cm^2 and m^2
- Estimate volume and capacity
- Compare and order fractions whose denominators are multiples of the same number
- Identify equivalent fractions of a given fraction
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers
- Read and write decimal numbers as fractions
- Read, write, order and compare numbers with up to three decimal places

Science - Power it up (taught by Mrs Dunsby)

- Revisit some uses of electricity
- Understand the importance of electrical safety
- Construct own electrical circuits
- Understand how to change a circuit by changing its components

Science - Circle of life

- Children look at life cycles of various species - including mammals, amphibians and birds
- Explore and describe the life process of reproduction in plants and animals

Topic - History/Geography

- Learn about the physical geography of Russia, including its biomes, rivers and mountains
- Understand geographical similarities and differences between areas of Russia and the UK
- Investigate the human geography of Russia, such as political differences, population size and make-up and life expectancy
- Explore the recent history of Russia including the transition from monarchy to socialist state

Computing

- We are toy designers - children will design a simple toy with sensors and outputs and then create an on-screen prototype of their toy in Scratch

Art and Design/Design Technology

- Research, design and create own 'Faberge egg'
- Investigate Russian cuisine and plan a feast

RE/PSHCE

- Christianity - children will consider why Christians think Jesus' death was a sacrifice and make connections with the celebration of holy communion
- Living together and building community - Understand and value local groups/communities / accepting differences and celebrating uniqueness

Physical Development

- Competitive team games - hockey
- Develop flexibility, strength, technique, control and balance - gym
- Compare performance with previous ones and improve - fitness programme

Music (taught by Mrs Dunsby)

- Children will be listening with attention to detail to The Nutcracker by Tchaikovsky and will be creating their own rhythmic ostinatos

French

- Madame Harding - Monday pm

What can you do at home?

- Read daily for 20 minutes and talk about it
- Read a newspaper (match reports, world events)
- Learn tables facts, including related division facts ($7 \times 8 = 56$ so $56 \div 7 = 8$)
- Learn spellings together (see ideas in the homework book)
- Visit the local library

