Ingmar Class

♥ Love Christ, ♥ Love Learning, ♥ Love One Another.

ENGLISH

We will start our English unit with various grammar and punctuation activities, after which we will move on to study our book *Riddle of the Runes*. This book is linked to the history unit and will enable us to expand our vocabulary and our understanding of fiction.

Year 4

- **Discuss** the words and phrases that capture their imagination
- **Participate** in discussions about the text
- **Predict** what might happen
- **Learn** to use expanded noun phrases, fronted adverbials with a comma
- **Begin** to write in paragraphs using varied and rich vocabulary

Year 5

- **Discuss** the themes in this book and compare it with others they have read justifying opinions
- **Predict** what might happened next from the details stated of implied in the story
- **Write** in paragraphs cohesively
- **Describe** characters or settings using expanded noun phrases selecting vocabulary carefully
- **Link** ideas across paragraphs using appropriate fronted adverbials

MATHS

Year 4: place value

- **Read** and write numbers up to 10,000 in digits and words.
- **Understand** the value of each digit — thousands, hundreds, tens and ones.
- **Partition** numbers, e.g. 3,452 = 3,000 + 400 + 50 + 2.
- **Compare** and **order** numbers using <, > and =.
- **Find** 10, 100 and 1,000 more or less.
- **Recognise** and use number lines.
- **Round** to the nearest 10, 100 and 1,000.
- **Explain** their mathematical thinking and reasoning.

Addition and subtraction

- Use column addition and subtraction.
- Line up digits according to place value.
- Exchange/regroup when needed.
- Use **efficient mental methods** (add/subtract multiples of 10, 100 or 1,000, use known facts, partition numbers).
- **Estimate answers** (round first).
- **Check answers** (inverse operation).
- **Solve problems** (one-step and multi-step).
- **Use efficient** strategies.

Year 5: place value

- **Numbers to 1,000,000** (read, write, represent).
- **Place value** (ones, tens, hundreds, thousands, ten-thousands, hundred-thousands).
- **Powers of 10** (×/÷ 10, 100, 1,000).
- **Partitioning** (e.g. 364,725 = 300,000 + 60,000 + 4,000 + 700 + 20 + 5).
- **Number lines** (read, estimate, position).
- **Comparing numbers** (<, >, =).
- **Ordering numbers** (ascending/descending).
- **Rounding** (to 10, 100, 1,000, 10,000, 100,000).
- **Negative numbers** (through zero, real-life contexts).

Addition and subtraction

- **Mental strategies** (known facts, adjusting, rounding, compensation).
- **Add/subtract** whole numbers (up to 1 million).
- Formal column methods (different digits, multiple exchanges).
- **Estimate** and check (rounding, inverse).
- Inverse operations.
- **Multi-step problems** (word problems, missing numbers, choose operation).

HISTORY

Invaders and settlers

We are learning about Anglo-Saxons and Vikings.



SCIENCE

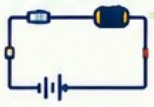
ELECTRICITY

Year 4

- Identify appliances; mains or batteries.
- **Construct** simple circuits (cell/battery, wires, bulbs, buzzers, motors).
- Identify complete/incomplete circuits.
- **Understand** need for a complete circuit.
- **Recognise** circuit symbols.
- Investigate conductors/insulators.
- **Predict** and test.
- **Record** findings (diagrams, tables, observations).
- Use vocabulary (circuit, current, cell, battery, etc).

Year 5

- **Explain** how circuits work (battery, wires, switches).
- **Construct** and modify circuits.
- Use diagrams and symbols accurately.
- Investigate number of cells/components.
- Understand conductors/insulators (suitable materials).
- **Make** predictions and fair tests.
- Identify variables (change/keep the same).
- **Record** results (tables/graphs, patterns).
- **Explain** results (scientific vocabulary/evidence).
- **Recognise** electrical safety and hazards.
- **Apply** knowledge to real life (appliances/energy use).



PE

Hockey and handball



COMPUTING

We will complete online safety unit discussing how to keep safe online.

myHappyminds

We will learn about how our brain functions in the 'Meet the brain' unit.

MUSIC

We are learning to play the recorder.



WOW moments

Visit from a Viking!



Love Christ:

We will learn about the world God created.

Love Learning:

We will increase our knowledge of different subjects.

Love One Another:

We will learn to work together co-operatively in different lessons respecting each other's opinion.