**Term:** Autumn 1 **Topic:** The Secret of the Malamander Year: 5

#### English Maths Science Writing Reading Times Table Focus: 7x table **Forces** TTRS Battle: 5W v 5PJ v 5VA Prior learning (Y3) Class Novel: Malamander by Thomas Taylor - Notice that some forces need Genre: Narrative Stimulus: One Small Step Wider Curriculum text: Alice's Adventures of contact between two objects, but Place Value Key learning: Wonderland by Lewis Carroll **Prior learning:** magnetic forces can act at a - Modal verbs / questions Numbers to 10,000 distance **Poetry book:** Inside Out and Back Again by - Complex sentence • Roman numerals to 1,000 Thanhha Lai - Colon in a list - Explain that unsupported objects Numbers to 10,000 fall towards the Earth because of - Conjunctions Numbers to 100,000 Book Talk the force of gravity acting between - Time adverbials Numbers to 1,000,000 - Recommend books to peers, giving reasons - Relative clauses the Earth and the falling objects. • Read and write numbers to 1,000,000 for choices - Identify the effects of air - Pathetic fallacy - Identify and discuss themes and conventions Powers of 10 resistance, water resistance and - Metaphors • 10/100/1,000/10,000/100,000 more or - Make comparisons within and across books friction, that act between moving - Ask questions to improve understanding less **Genre**: Instructions surfaces - Distinguish between facts and opinions • Partition numbers to 1,000,000 - Recognise that some **Stimulus**: How to build a rocket - Participate in discussions • Number lines to 1,000,000 mechanisms, including levers, to get to space • Compare and order numbers to 100,000 Key learning: pulleys and gears, allow a smaller **VIPERS** and 1,000,000 force to have a greater effect. - Rhetorical questions Using relevant evidence and justifications: • Round to the nearest 10, 100, 1000, - Bullet points - explore the meaning of words in context 10,000 and 100,000 - Fronted adverbials - draw inferences about characters' feelings, Addition and Subtraction - Hyphen for parenthesis What is gravity? thoughts and motives Prior learning: What is friction? - Conjunctions - predict what might happen next Adding and subtracting 4-digit numbers. - Relative clause Whose shoe has the - summarise the main ideas from more than 1 • Mental strategies greatest friction? paragraph • Add whole numbers with more than four What is air resistance? **Spellings** - identify how language, structure and digits What is water resistance? presentation contribute to meaning • Subtract whole numbers with more than Words ending in: What are gears, levers and - retrieve, record and present information. four digits pulleys? -tious • Round to check answers -ious Key focuses • Inverse operations -cious Fluency – Read an age appropriate book • Multi-step problems Key vocabulary: -cial fluently, with good pace and expression. • Compare calculations Force, friction, gravity, pull, push, -tial Fiction (including stories from other cultures) • Find missing numbers repel, resistance, drag, -ant - identify and discuss themes and conventions. Multiplication and Division streamlined, upthrust, buoyancy, Consider different viewpoints of the same event. Prior learning: Y5/6 Common Exception Words Newton (N), gear, lever, pulley **Non-fiction** - retrieve facts and discuss Times tables, multiplying and dividing by language and presentation of texts. 1 and itself **Poetry:** learn a wide range of poetry by heart. • Multiple and common multiples Prepare poems to read aloud, showing • Factors and common factors understanding through intonation, tone and • Prime, square and cube numbers volume. • Multiply and divide by 10, 100 and

1000

# PSHE Being Me in my World

Prior learning:

- Becoming a class team
- Being a school citizen
- Rights, responsibilities and democracy
- → Our learning charter
- → My year ahead
- → Being a citizen of my country
- → Year 5 responsibilities
- → Rewards and consequences

# Computing Systems and searching

- Explain that computers can be connected together to form systems.
- Recognise the role of computer systems in our lives.
- Identify how to use a search engine.
- Describe hoe search engines select results.
- Explain how search results are ranked.
- Recognise why the order of results is important, ant to whom.

### E-safety: <u>Spam</u>

To identify spam emails and what to do with them.

#### Anglo-Saxon Britain

Prior learning:

How did the Roman Empire maintain control over Britain?

History

What happened in the final years of the Roman Empire?

How did England change during the settlement of the Anglo-Saxons and Vikings?

## **Key Enquiry Questions:**

- Where did the Anglo-Saxons and Scots come from?
- What major events occurred during the Anglo-Saxon rule?
- How were Roman and Saxon Britain different?
- How did England change after the Anglo-Saxon settlement?
- Was it really the 'dark' ages?
- Was Alfred the Great really 'great'?

#### Historical skills:

- Chronological Understanding
- Significance
- Similarities and Differences
- Continuity and Change
- Evidence and Historical Interpretations
- Historical Enquiry

# Key vocabulary:

Angles, Saxons, Jutes, chronology, BC and AD, invade, settle, kingdoms, sequence, duration, period, concurrence, continuity, change, similarity, difference, significance, evidence, civilised, artefacts, primary, secondary, cenotaph, hoard, enquiry

# Craft and Design: Printmaking

**Prior learning:** 

Know and research some of the key ideas, techniques and working practices of different artists, craftspeople, architects and designers that I have studied.

Artist: Hokusai

**Nationality**: Japanese

Era: Ukiyo-e Era- Edo (Japanese Art Era)

- Research and evaluate the ideas and ways of working (approaches) of different artists, craftspeople, designers and architects.
- Compare and discuss these with others, including taking account of the culture they worked in and their intentions/purposes.
- Use work of artists' to explore own ideas.
- Express ideas and feelings about familiar products.
- Take part in research and exploration whilst incorporating and developing own personal ideas.
- Develop intricate patterns and marks with a variety of media and other implements to create lines.
- Make deliberate choices about the grade of the pencil being used for effect.
- Develop an increasing sophistication in the use of tone when drawing from observation.
- Draw at an age appropriate level using different techniques e.g. shading.

# **Physical Education**

Linked value: Respect

#### Competitive Games: Football

**Prior learning:** 

Defensive skills, dribbling in different directions, passing for distance and evaluative skills to aid improvement.

- Play in competitive games developing strength and technique.
- Able to recognise where improvements could be made in their work.
- Select and combine more complex skills in game situations.

#### Key vocabulary:

distance, perform, consistent, speed, fair play, regain, possession, goal side, interchange, position, maintain

#### Competitive Games: Netball

<u>Prior learning</u>:

Netball positions, basic shooting techniques, basic rules, marking and footwork, preliminary moves.

- Make choices about which pass to use and where to shoot from.
- Implement some tactics to get free.
- Move quickly around the court.

#### Key vocabulary:

score, shoot, possession, react, foul, umpire, quick turns, dodge, pivot, stationary, shooting circle / semi-circle

# Glockenspiels

# Prior learning:

### <u>Listen and Appraise</u>

Show appreciation for music, discussing likes and dislikes.

- Describe a piece of music using musical vocabulary.
- Listen and respond to a range of music, placing the music within a historical context.

#### Play and Perform

- Listen to and repeat simple rhythms with a steady pulse.
- Recognise that different notes have different durations.
- Improvise and compose simple rhythms using Y3 notes (Crochets, minims and crotchet rests)

### <u>Listen and Appraise</u>

- Listen and respond to a range of music from different musicians and composers throughout history, considering how and why music has changed.

Music

- Show appreciation for music, considering how it can be interpreted differently to tell different stories.
- Describe and compare pieces of music using musical vocabulary:

Dynamics - pianissimo, fortissimo

Tempo - largo, moderato, allegro

Timbre – warm, light

Texture - thick, thin

# <u>Play and Perform</u>

- Improvise and compose rhythmical melodies using Y5 notes (crochets, minims, semibreves, quavers and crotchet rests).
- Begin to experiment with the structure of compositions by repeating phrases of music.
- Maintain my own part and be aware of how the different parts fit together.

Know the duration of the Y5 notes (Crochets, minims, semibreves, quavers and crotchet rests) and begin to consider this when performing rhythms.

#### French

# Do you have a pet?

### **Prior learning:**

Y3 - Recognise, recall, and spell up to 10 animals.

Y4 - Name examples of habitats

- Repeat, recognise and attempt to spell the eight nouns (including the correct article for each) for pets in French.
- Tell somebody in French if they have or do not have a pet.
- Ask somebody else in French if they have a pet.
- Tell somebody in French the name of their pet.
- Attempt to create a longer phrase using the conjunctions et ("and") or mais ("but").

#### **Religious Education**

**Disposition**: Caring for Others, Animals and the Environment

#### Marriage ceremonies

- → What is the difference between a wedding and a marriage?
- → How does a Humanist, Hindu or Sikh wedding encourage the couple to care for one another?
- $\rightarrow$  How can marriage create an environment for caring?
- ightarrow How does a Muslim wedding encourage the couple to care for each other?
- ightarrow How can marriage create an environment for caring?
- → How can promises made at a Christian wedding encourage the couple to care for one another?

**Disposition**: Sharing and Being Generous

- The story of Mary and Martha
- \* Early church sharing
- Langar and Sewa
- Volunteer work
- $\rightarrow$  Why do we give, as well as receive?
- → What can be given that does not have monitory value?
- ightarrow What do Christians teach about sharing with others?
- ightarrow How do Sikhs show generosity?
- → How do religious and non-religious people show generosity?