

### As readers we will...

- ✓...through reading our whole class text and accompanying extracts, deepen our comprehension skills, providing answers to a wide-range of big questions
- ✓...continue to develop our fluency through 'Fresh Start' and whole-class practise.
- ✓...continue to develop our understanding of reading genres, noting our own preferences.

### We will be reading...

- ✓Orphans of the Tide by RJ Struan Murray
- ✓Books by our significant authors: Helen Rutter and Zillah Bethell
- ✓A range of extracts from fiction, non-fiction and poetry within our guided reading sessions.

**VOCABULARY:** infer, explain, quote, evidence, agree, disagree, scan, justify, emotion, vocabulary, sympathy, ordinary, non-fiction, fiction

### As writers, we will...

- ✓... learn how hyphens can be used to avoid ambiguity [for example, man eating shark versus man-eating shark, or recover versus re-cover]
- ✓...link ideas across paragraphs using a wider range of cohesive devices: repetition of a word or phrase, grammatical connections [for example, the use of adverbials such as on the other hand, in contrast, or as a consequence], and ellipsis
- ✓...use colons to introduce a list and use semi-colons within lists
- ✓... learn about the difference between structures typical of informal speech and structures appropriate for formal speech and writing [for example, the use of question tags: He's your friend, isn't he?, or the use of subjunctive forms such as If I were or Were they to come in some very formal writing and speech]
- ✓... use semi-colons to link two independent clauses which are closely related.

**VOCABULARY:** hyphen, ambiguity, compound adjective, paragraph, topic, cohesion, adverbial, colon, semi-colon, independent clause, formal, informal, speech, subjunctive, relation, topic

### As mathematicians we will...

- ✓...be able to read, write, order and compare numbers up to 10,000,000.
- ✓...be able to round numbers to any degree of accuracy.
- ✓...be able to calculate with negative numbers within contexts.
- ✓...be able to use column addition and subtraction.
- ✓...be able to use the formal methods of short and long multiplication.
- ✓...be able to use the formal methods of short and long division.
- ✓...be able to recall common factors, common multiples, prime numbers and square and cube numbers.
- ✓...develop our mental calculation strategies, understanding the order of operations.
- ✓...be able to simplify, compare and order, add, subtract, multiply and divide fractions.

**VOCABULARY:** million, integer, positive, negative, above/below zero, minus, negative numbers, formula, factor, multiple, represent, consecutive, divisibility, square number, prime number, factorise, prime factor, ascending/descending order, digit total

### As scientists we will...

#### **Danger! Low Voltage**

- ✓...associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- ✓...compare and give reasons for variation in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- ✓...use recognised symbols when representing a simple circuit in a diagram

**VOCABULARY:** voltage, brightness, volume, switches, danger, series circuit, safety, sign, circuit diagram, switch, bulb, buzzer, motor, symbols

#### **Body Health**

- ✓build on our learning from Year 3 about the types of food that humans need to stay alive.
- ✓...explore the effects of exercise on the body as well as how drugs can help us as well as cause harm.

**VOCABULARY:** alcohol, asthma, athlete, balanced diet, beats per minute (bpm), caffeine, calories, carbohydrates, cigarettes, consequences, dairy, diet, drugs, Eatwell plate, energy, exercise, fats, fibre, illegal, impact, legal, lifestyle, long-term effect, medicine, mineral, nutrition, oxygen, protein, RDA (recommended daily allowance), recovery rate, resting rate, tobacco, vitamin

### In PSHE we will...

- ✓...through our JIGSAW unit 'Being Me in My World', consider our rights and how our actions have consequences.
- VOCABULARY:** rights, community, Maslow's Hierarchy of Needs, empathise, consequences, obstacles, choices, legal/illegal/lawful, perception
- ✓...through our JIGSAW unit 'Celebrating Differences', understand how difference can be both a cause for celebration and conflict.
- VOCABULARY:** disability, empathy, impairment, Paralympian, transgender, diversity, fairness, equality, imbalance, harassment, direct/indirect bullying, accolade, perseverance, admiration

### As historians we will...

- ✓...consider the concepts of 'conflict and disaster', 'hierarchy and power' and 'community and culture', through the context of World War 2.
  - ✓consider the significance of the Blitz on our Hull.
- VOCABULARY:** invade, cause, Allies, Axis Power, Treaty of Versailles, Nazi Party, Winston Churchill, Adolf Hitler, source, evidence, morale, Home Front, evacuation, significance

### In RE we will...

- ✓...explore concepts of justice and freedom
  - ✓...consider how we can show forgiveness and compare to how people of faith demonstrate this.
- VOCABULARY:** community, restorative, injustice, freedom of action, faith stories, faith in action, harmony, forgiveness, moral, ethical, reconciliation

### As artists we will...

- ✓...research the blind contour drawings of Allison Kunnath.
  - ✓...articulate our own opinions on Allison Kunath's work, giving reasons for our likes and dislikes.
  - ✓... recreate forms from Allison Kunath's Blind Contour Drawings without taking my pen off the page, influenced by Allison Kunath's drawing process.
  - ✓... critically evaluate my own and other's work in response to Allison Kunath's Blind Contour Drawings.
- VOCABULARY:** Draw, line drawing, portrait, self-portrait, contours, continuous, expression, movement, posture, position, composition, direction

### In computing we will...

- ✓... demonstrate a clear understanding of how search engines work, how web pages can optimise the number of visits and to understand how to communicate safely online.
  - ✓... design and create a web page using software, ensuring that the web page observes copyright laws, has effective links and includes strong navigation paths.
- VOCABULARY:** search engine, refine, index, selection, ranking, crawler, links, HTML, web browser, hyperlink, copyright

### In D&T we will...

- ✓... appraise and analyse a range of toys and identify if the form follows its function.
  - ✓... create a range of electrical circuits and identify their components
  - ✓... practice using a range of tools and techniques to create a part of a product.
  - ✓... generate ideas and design a product that meets the design brief.
  - ✓...evaluate their own ideas and product against their own design and consider the views of others to improve their work.
- VOCABULARY:** automata, cam, follower, clamp, component, dowel, drill bits, exploded diagram, axle, bench hook, hand drill, mark out, set square, tenon saw, jelutong accurate, assembly-diagram, cutting list, finish, frame, function, hand, linkage, measure, mechanism, model, research, right-angle, set square

### In PE we will...

#### **Invasion Games (Rugby and Hockey)**

- ✓... play competitive games to agreed rules.
  - ✓... explain rules to others.
  - ✓... communicate a plan to a team.
  - ✓... use a number of techniques to dribble, pass and score with control and accuracy.
  - ✓... apply basic principles suitable for attacking and defending
  - ✓... confidently referee a game applying their knowledge of the rules effectively.
  - ✓... give tactical instructions to affect a game situation.
  - ✓... lead an effective warm up for a group.
- VOCABULARY:** outwit, opposition, contact, opponent, field, court, pivot, pitch, tactics, control, offside, foul, support, pressure, onside, obstruction, consecutive, formation, consistently, conceding, dictate, turnover, contest

### As musicians we will...

- ✓...find and keep a steady beat.
  - ✓...listen and copy rhythmic patterns made of dotted minims, minims, dotted crotchets, crotchets, dotted quavers, triplet quavers, quavers, semiquavers and their rests by ear or from notation.
  - ✓...experiment with a wider range of dynamics through improvisation and composition work.
- VOCABULARY:** melody, compose, improvise, pulse, rhythm, pitch, temp, dynamics, timbre, texture, structure, dimensions of music