Year Group 6

Amherst School
CURRICULUM OVERVIEW – LONG TERM PLANNING (2023/24)

	AUTUMN Term 1 / Term 2	SPRING Term 3 / Term 4	SUMMER Term 5 / Term 6
MATHS	**Number – number & place value** • **Number: Place Value Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.** • **Round any whole number to a required degree of accuracy.** • **Use negative numbers in context, and calculate intervals across zero.** • **Solve number and practical problems that involve all of the above** **Number – addition, subtraction, multiplication & division** • **Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.** • **Multiply multi-digit number up to 4 digits by a 2 digit number using the formal written method of long multiplication.**	**Number – fractions (inc decimals & percentages)** • Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. **Number-percentages** • Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison. • Recall and use equivalence s between simple FDP including in different contexts. **Measurement** • Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. • Use, read, write and convert	**Geometry- Properties of Shapes** Draw 2D shapes using given dimensions and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. **Time at the end of the term for consolidation, gap filling, investigations, seasonal activities, preparation for Secondary School etc.**

Year Group 6

- **Divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions or by rounding as appropriate for the context.**
- **Divide numbers up to 4 digits by a 2 digit number using the formal written method of short division, interpreting remainders according to context.**
- **Perform mental calculations, including with mixed operations and large numbers.**
- **Identify common factors, common multiples and prime numbers.**
- **Use their knowledge of the order of operations to carry out calculations involving the four operations.**
- **Solve problems involving addition, subtraction, multiplication and division.**
- **Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy.**

Geometry and Statistics (PPA cover)
- **Illustrate and name parts of circles, including radius, diameter and circumferenc e and know that the diameter is twice the radius.**

- between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3dp.
- Convert between miles and kilometres.
- Recognise that shapes with the same areas can have different perimeters and vice versa.
- Recognise when it is possible to use formulae for area and volume of shapes
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including cm3, m3 and extending to other units (mm3, km3

Number-algebra
- simple formulae
- Generate and describe linear number sequences.
- Express missing number problems algebraically.
- Find pairs of numbers that satisfy an equation with two unknowns.
- Enumerate possibilities of combinations of two variables.

Number-ratio
- Solve problems involving the

Year Group 6

- **Interpret and construct pie charts and line graphs and use these to solve problems.**
- **Calculate the mean as an average**
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Number – fractions (inc decimals & percentages) TERM 2

- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Compare and order fractions, including fractions > 1
- Generate and describe linear number sequences (with fractions)
- Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example   x

 =]

- Divide proper fractions by whole numbers [for example   ÷ 2 =

Geometry- Position and Direction (PPA cover)

- Describe positions on the full coordinate grid (all four quadrants).
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

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relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

- Solve problems involving similar shapes where the scale factor is known or can be found.
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Number – addition, subtraction, multiplication & division- recap PPA cover

Time at the beginning end of the term for consolidation ,gap filling, seasonal activities, assessment s, etc.

Year Group 6

ENGLISH	**Term 1** **Unit 1:** Goodnight Mister Tom (3 weeks) **Unit 2:** Anne Frank - Biographical Genres (2 weeks) **Unit 3:** Anne Frank – description and diary writing (1/2 weeks) **Term 2** **Unit 4:** Whole school text (2/3 weeks) **Unit 5:** Narrative Poetry (1 week) **Unit 6:** Piano - Emotive Narrative using a flashback (1/2 weeks) **Unit 7:** Poetry – Twas the night before Christmas (1 week)	**Term 3** **Unit 8:** Macbeth by William Shakespeare Storyboarding/PlayScript/Persuasive letter/Poetry (4 weeks) **Unit 9:** Ruckus – Literacy Shed (1 week) **Term 4** **Unit 10:** Whole school text (2/3 weeks) **Unit 11:** Balanced Argument – Boreham bypass (1 week) **Unit 12:** Balanced Argument – Mobile phones (2 weeks)	**Term 5** **Unit 13:** Quest Narrative - Myst (2 weeks) **Unit 14:** Journalism – newspapers (2 weeks) **Unit 15:** Narrative – replay (1 week) **SATs KS2 Assessments** **Term 6** **Unit 16:** Non-chronological information projects – Coasts (3 weeks) **Unit 17:** Free write activities – using a starting stimulus, end point and incorporating dialoague (2 weeks) **Year 6 production**
READING Daily whole class reading and independent reading. Comprehension skills taught through guided reading sessions and standalone English lessons.	**Term 1** • Goodnight Mister Tom • The biography of Anne Frank • The diary of Anne Frank • Guided reading - Bombers Moon, Silver Sword, War Horse	**Term 3** • A Shakespeare Story (abridged version of Macbeth) by Andrew Matthews and Tony Rossm • Class novel chosen by class teacher	**Term 5** • The Watertower by Gary Crew • Kensuke's Kingdom by Michael Morpurgo

Year Group 6

	Term 2	Term 4	Term 6
	• Whole-school text • Revolting rhymes by Roald Dahl • Twas the night before Christmas poem by Clement Clarke Moore • Class novel chosen by class teacher	• Whole-school text • Pig Heart Boy by Malorie Blackman	• Kensuke's Kingdom by Michael Morpurgo • Whole class guided reading
GRAMMAR AND PUNCTUATION	**Term 1** • Word classes (nouns, verbs, adjectives, adverbs, pronouns) - revision • commas in lists and using a colon to start a list – revision • use of question tags (He's your friend, isn't he?) • Fronted adverbials – • Semi-colons, colons and dashes • Cohesion within paragraphs • Conjunctions (subordinating/ coordinating) and clauses • Subject and object **Term 2** • Relative clauses/pronouns • Bullet points/layout devices	**Term 3** • Inverted commas – direct speech • Expanded noun phrases – revision • Conjunctions (subordinating/ coordinating) – revision • Word classes (nouns, verbs, adjectives, adverbs, pronouns) - revision • Statement, command, exclamation, question • Progressive forms of verbs in present and past tense • Apostrophes possession – revision **Term 4** • Synonyms and antonyms • Word classes (nouns, verbs,	**Term 5** • Subjunctive mood • Word classes (nouns, verbs, adjectives, adverbs, pronouns) – revision • Adverbials of time to link ideas across paragraphs/cohesion • Inverted commas – revision • Determiners • Present perfect verb form (He has gone outside.) **Term 6** • Application of taught material

Year Group 6

	- Prepositions – - Word classes (nouns, verbs, adjectives, adverbs, pronouns) - revision - Brackets, dashes, commas to indicate parenthesis - Use of comma to clarify meaning - Adverbials to make links/cohesion - Past tense/present tense	adjectives, adverbs, pronouns) – revision - Modal verbs and adverbs to show degrees of possibility - Using adverbials to create cohesion and make links between paragraphs – revision - Passive voice - Hyphens to avoid ambiguity - Standard English forms for verb inflections (We was…./We were…) - Apostrophes omission – revision - Formal and informal language	
SPELLING	**Term 1** Weekly spelling lessons to include: - Statutory word lists yr3-4 yr5-6 - Strategies for spelling - -able –ably –ibly –ible - Adding suffixes beginning with vowels to words ending in –fer - proofreading **Term 2** - Statutory word lists yr5-6 - Homophones ce/se - Endings that are spelt –cious or -tious	**Term 3** - -ough letter string - -words ending in –cial and –tial **Term 4** - -homophones - - statutory year 5-6 list - -generating words from prefixes and roots	**Term 5** - Statutory yr5-6 list - Words ending in –ant –ance and –ancy - Root words and meaning **Term 6** - Words ending –ent –ence and –ency - Homophones - Strategies for learning commonly misspelt words

Year Group 6

SCIENCE	T1: Experimental skills T2: Electricity	T3: Light T4 & T5: Evolution and inheritance	T6: SRE
COMPUTING	T1 & T2: Creating media – Tinkercad and google sites	T3 & T4: Coding – Micro-bit	T5: Animation – ZU3D T6: Independent projects
HISTORY	World War 2 (T1 & T2)		
GEOGRAPHY		Australia (T3)	Coasts (T5 & 6) Coasts – Independent projects (T6)
PE	T1: Swimming T2: Yoga	T3: Indoor athletics T4: Gymnastics – Balance	T5: Dance T6: Swimming
GAMES	T1, 2 & 3: Hockey/ Rugby/ Football	T4, 5 & 6: Handball/ Cricket/ Athletics	OAA-Hilltop
ART	T1 & 2: Still life / WW2 art (Henry Moore and Alberto Giacometti)	T3: Australian Batik painting T4: Whole School Book project (usually linked to photography)	T5 and T6: Lowry (watercolours)
DT	T1: Healthy vegetable soups T2: Shelters		T6: Sewing
RE	T1: Is it better to express your beliefs in arts and architecture or in charity and generosity? T2: What difference does it make to believe in ahimsa, grace and/or Ummah	T3/T4: What matter most to Christians and Humanists?	T5: What do religions say to us when life gets hard?
MFL	T1: French – rising stars T2: French – rising stars	T3: French – rising stars T4: French – rising stars	T5: French – rising stars T6: French – rising stars

Year Group 6

MUSIC	T1:. Dynamics, pitch and texture T2: Songs of WW2	T3: Film music T4: Baroque	T5: Theme and variation T6: Composing a leavers song
PSHE	T1: Trust T2: Kindness	T3: Determination T4: Politeness	T5: Fairness (linked with Parliament and Law unit) T6: Cooperation
PROVISIONAL TRIPS / VISITORS	World War Two Day	Houses of Parliament Young Voices Safety in Action	Hilltop Transition to Secondary schools