<u>Lambley Primary School Long Term Overview – Year 6</u>

Subject	Autumn (1) Aut	umn (2)	Spring (1)	Spring (2)	Summer (1)	Summer (2)
Topic	WWII (Battle of Britain)		China and the S	hang Dynasty	The High	hwayman
Texts	The Lion and the Unicorn Friend or Foe Anne Frank's Diary Blitz Boys		A Kids Guide to China (Non-Fiction) The Firework-Maker's Daughter		The Highwa	ayman Poem
Supplementary Texts	Comprehension Ninja – D-Day Landings (4) C. Ninja - World War I: Bombardment C. Ninja – Charles Darwin (3) C. Ninja – Obesity (15)				C. Ninja – Mammals (18) C. Ninja – History of gaming consoles (23)	
Literacy	Letters To understand the purpose of a and an informal letter. To know the difference between a fand an informal letter. To know the features and layout a To write a letter. Diary Writing To know the features of a diary To understand a characters for a diary entry. Biography/Autobiograph To know the difference between a B an Autobiography. To identify the features of a Biogra Autobiography. To write a Biography of the life of Churchill. Story Analysis To explore and comment on the chastory.	of a letter. To long a letter. Y entry. elings. To ide Y iography and phy and an f Winston To re extended a letter. To use aracters in a letter.	Instruct know the features of To write a set of the set	res of a good story. BBC Radio2 500 Words ition. Sions. If an instruction text. If instructions. On Texts Of an information text. Intermation text. Seading For and draw an accurate the scene. In a piece of text and for these inferences. Sedictions. Sedictions. Sinning skills to answer out a text. Si within a question. Solain unfamiliar words.	To deduce information pice To deduce information language used to to understand the lare make to describe to share opinions able evidence to standard to ask and answer quested to the feature of the feature with those of a describe to understand more able and actions through the feature of the feature with those of a describe to understand more able and actions through the feature of the featur	about a character from a ture. In about a character from a to describe them. Inguage choices authors ribe characters. In about a character, using support them. Injuestions about a text. Injuestions ab

	To describe a scene using all five senses.	To use evidence from the text to explain an	To write a newspaper report.
		answer.	
	Guided reading	To use APE to answer reading inference	<u>Play Scripts</u>
	To read a piece of text and draw an accurate	questions.	To know the features and layout of a play script.
	picture of the scene.		To read the part of a character within a play,
	To make inferences from a piece of text and		taking into account who the character is and
	explain the reasons for these inferences.		what they are like as a person.
	To make predictions.		To follow stage directions.
	To use skimming and scanning skills to answer guestions about a text.		To write a play script.
	To identify key words within a question.		
	To use a dictionary to explain unfamiliar words.		<u>Guided reading</u>
	To use a thesaurus to find synonyms.		To read a piece of text and draw an accurate
	To use evidence from the text to explain an		picture of the scene.
	answer.		To make inferences from a piece of text and
	To use APE to answer reading inference		explain the reasons for these inferences.
	questions.		To make predictions.
	questions		To use skimming and scanning skills to answer
			questions about a text.
			To identify key words within a question.
			To use a dictionary to explain unfamiliar words.
			To use a thesaurus to find synonyms.
			To use evidence from the text to explain an
			answer.
			To use APE to answer reading inference
			questions.
Rainbow Grammar	Nouns/Pronouns	Quantifying and possessive determiners	Identify gaps from mock SATS
	Verbs / Modal verbs / Adverbs	Articles	
	Adjectives/compound adjectives	Active and passive voice – subject and object	
	Conjunctions	Plural possession	
	Prepositions	Inverted commas	
	Semi colons, colons and dashes	Present and past participle	
	Sentence types	Perfect and progressive tenses	
	Phrases and clauses	Auxiliary verbs to indicate future and perfect	
	Commas in complex sentences, relative clauses,	tense	
	preposition phrases and adverbials	Informal and formal speech	
	Apostrophes for possession and omission	Direct and reported speech	
Numeracy	<u>Place Value</u>	<u>Decimals</u>	Properties of Shape
-			To measure using a protractor.

To read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.

To round any whole number to a required degree of accuracy.

To use negative numbers in context, and calculate intervals across zero.

Four Operations

To solve addition and subtraction multi step problems, deciding which operations and methods to use and why.

To multiply numbers up to 4 digits by a 2-digit number, using the formal written method of long multiplication.

To divide numbers up to 4 digits by a 2-digit number using the formal written method of short division, up to 2 decimal places.

To perform mental calculations, including with mixed operations and large numbers.

To identify common factors, common multiples and prime numbers.

To use knowledge of the order of operations to carry out calculations.

To solve problems involving addition, subtraction, multiplication and division.

Fractions

To use common factors to simplify fractions.

To understand fractions on a number line.

To compare and order fractions, including improper fractions.

To add and subtract fractions and mixed numbers, using equivalent fractions.

To multiply fractions.

To divide fractions by whole numbers.

To calculate decimal fraction equivalents.

To find a fraction of an amount.

To identify the value of each digit in numbers up to 3 decimal places.

To multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places.

To solve problems involving decimals.

To explore the relationship between decimals and fractions.

To solve problems which require answers to be rounded to specified degrees of accuracy.

Percentages

To solve problems involving percentages. To find percentages of an amount.

<u>Algebra</u>

To understand function machines.
To solve problems involving Algebra.
To use simple formulae.
To write and solve equations.
To solve two-step equations.
To understand pairs of variables.

Converting Units

To read, write and recognise metric measures.

To solve measurement problems.

To convert measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa.

To convert between miles and kilometres and to know that 5 miles = approx 8 km.

Area, Perimeter and Volume

To be able to calculate the perimeter and area of shapes.

To recognise that shapes with the same areas can have different perimeters and vice versa. To calculate the area of parallelograms and triangles.

To calculate the volume of cubes and cuboids.

Ratio

To draw 2D shapes using given dimensions and angles.

To find unknown angles in triangles, quadrilaterals and regular polygons .

To recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

To identify a shape from the net of that shape.

Statistics

To name the parts of a circle and to know that the diameter is twice the radius.

To interpret and construct pie charts and line graphs and use these to solve problems.

To calculate the mean as an average.

	To recall and use equiva	To recall and use equivalences between simple		o problems		
	· ·	·		To solve ratio problems. To solve problems involving similar shapes where		
			the scale factor is known or can be found.			
	different contexts.		the scale factor is knic	own or can be round.		
	Position and	Position and Direction				
	To read and plot co-					
	quadra					
	To draw and translate sir					
	them in t					
		ie anesi				
Science	Animals including	Evolution and	Electricity	<u>Light</u>	Living things and	SRE
	humans	Inheritance	To identify and draw	To know that light	habitats	To understand how the
	To know that in order	To identify inherited	scientific circuits and	travels in straight	To give reasons for	body changes both
	to be healthy we need a	characteristics in	symbols.	lines from light	classifying animals	emotionally and
	balanced diet which	living things.	To build a buggy which	sources to our eyes,	based on their	physically during
	includes different food	To know that	includes an electrical	and from light	similarities and	puberty.
	groups.	variation occurs	circuit.	sources to objects	differences.	To be able to name all
	To name some of the	within offspring as	To observe and explain	and then to our eyes.	To describe how	of the sexual
	different food groups.	well as across a	the effects of differing	To understand how	living things are	reproductive body
	To know which types of	species.	volts in a circuit.	we see.	classified into groups.	parts and sexual
	foods are included in	To match living things	To plan and carry out	To label the parts of	To identify the	hormones.
	different food groups.	with their habitat and	an investigation based	the eye and to	characteristics of	To know basic facts
	To know why each	identify adaptive	on electrical circuits.	understand their	different types of	about sexual
	different food group is	traits.		function.	animals.	intercourse and
	important for a healthy	To identify		To know how light is	To classify a creature	pregnancy.
	lifestyle.	advantages and		reflected.	based on its	To understand about
	To know that the	disadvantages of		To explain how a	characteristics.	different types of
	circulatory system	certain		periscope allows me	To describe and	relationship.
	transports blood and	characteristics.		to see objects I would	investigate helpful	To begin to understand
	nutrients to the	To suggest how some		not usually be able to	and harmful micro-	what domestic violence
	different parts of the	animals and plants		see.	organisms.	is.
	body.	are adapted to		To know how light is	To identify the	
	To describe how the	extreme		refracted.	characteristics of	
	circulatory system	environments		To know how a	different types of	
	works.	To design an animal		shadow is formed.	micro-organisms.	
	To understand the	and a plant that			To classify organisms	
	function of the heart.	should thrive and			found in the local	
	To label the parts of the	survive in a given			habitat.	
	human heart.	environment				

to the human he when we exercise why. To measure a re pulse rate and a rate after exerci To explain why a rate increases we exercise. To label the part human lung syst know their funct To know that me work in pairs to	Darwin. To know how fossil evidence helps to explain the process of evolution. a pulse with as of the teem and tion. uscles move				
different parts of skeleton. To name and lab muscles. To know that when muscles exercises need an increase of blood because muscles are work harder.	pel the nen e they ed flow e the king				
To know that dr affect the way the or body works. To know that so drugs are benefit even though the have unpleasant effects. To be aware of some the negative effects and alcount of the body.	me dicial ey may t side some of ects of				
History WV	VII (Battle of Britain) re and when WWII took place.	Shang Dy	<u>rnasty</u>	To learn about famous h	nighwaymen, including

	To put WWII events on a timeline. To discover what the Blitz was and explore photographs of the aftermath. To learn about the effects of air raids and the causes of evacuation. To find out about the experiences and feelings of evacuees. To find out what rationing was, why it was necessary and how it impacted on people's lives. To learn about the experiences of Jewish children during the war and that the war created many refugees. To access a wide range of sources, including using books, the internet, film clips and direct sources such as letters and diaries. To consider how the war affected people's everyday lives.	To find out about the Shang Dynasty of China and explore how we know about it. To explore the evidence surrounding the Shang kings. To find out about Shang royal burials. To find out what ordinary life was like for people during the Shang Dynasty. To find out about the writing and calendar created during the Shang Dynasty. To find out why the Shang Dynasty ended.	
Geography	To name all seven continents of the world and find them on a globe. To identify and name the Arctic and Antarctic circles. To identify the countries involved in WWII on a world map. To know how to use an atlas by using the index to find places.	To know where China is in the world. To explore the human impact on China's physical Geography. To explore China's economic growth and its effect on the country. To learn about China's famous tourist attractions. To find out about the culture of China. To name the largest deserts in the world and locate desert regions in an atlas.	To know how to use Ordnance Survey symbols and six-figure grid references. To use maps, aerial photos, plans and web resources to describe what a locality might be like. To collect and accurately measure information (e.g. rainfall, temperature, wind speed, noise levels etc).
DT	To work within the limits of rationed ingredients to create a wartime dish. To create a Morse code key and use it to sound out Morse code. To be able to design, make and evaluate a replica gas mask and carry box. or To be able to design, make and evaluate a replica Anderson shelter.	To understand how the four great inventions of China shaped the world. To investigate water-powered machines. To test materials to build a kite. To design a kite based on a set of design criteria. To make and evaluate a kite. To make Chinese New Year paper dragons.	Design and build a Marble Run To design, build, test and make changes to improve the design of a marble run, carefully selecting materials for each part.
Art	To recreate wartime propaganda posters and the styles that were used.	To explore the themes, styles and colours of traditional Chinese art.	To use charcoal and chalk to create images.

	To be able to use art to express feelings and emotions associated with World War 2. To explore the use of pencil and sketching skills to draw a WW2 aircraft.		To explore the theme of dragons in Chinese art. To find out about importance of brushstrokes in Chinese art. To find out about and replicate Chinese calligraphy. To find out about the Terracotta Army. To find out about and recreate porcelain of the Ming dynasty.		To use a variety of materials to create silhouette pictures.	
RE	Harvest Festival To understand the significance of Harvest Festival. To learn a harvest poem to share with others. Judaism and The Holocaust I understand the beliefs that cause people to behave in particular ways. I can describe what 'tzedakah' is. I can identify ways in which religious beliefs affect communities locally and worldwide. I understand that religious beliefs and ideas are expressed in different forms. I can describe some of the features of worship in Judaism. I can explain why members of the Jewish community value their Jewish identity.	Remembrance To understand the significance of the two minute silence. To understand what happens on Remembrance Day. To understand why we wear a poppy. Judaism and The Holocaust To know what happened to the Jewish people during the holocaust. The Holocaust Centre Visit To develop historical knowledge and understanding of the period from 1933 to 1938. To examine the effects of isolation and persecution. To develop an understanding of the importance of respecting ourselves and others.	New Year To understand that a new year is a new beginning and to set personal goals for the coming year. To understand how the Chinese New Year is different to the one we celebrate in England. Confucianism, Taoism and Buddhism To explain the reasons for, and effects of, diversity within and between religions, beliefs and cultures and interpret the significance and impact of different forms of religious and spiritual expression.	The Easter Story To understand the events of Palm Sunday and why this is important to Christians. To understand the significance of the Last Supper. To know about the events that led up to Jesus being arrested. To know about the events and emotions surrounding the crucifixion of Jesus. To know about the events of the resurrection and to explore Christian beliefs in life after death. To learn about the meaning of 'Messiah' for Jesus and to summarise the events of Holy Week.	Expressing Faith To investigate the ways in which different faith groups express their faith and spiritual ideas through the arts. To study religious poetry, music and art and interpret them from a variety of religions.	Religions here and now & in the local area To visit the local church to study the art work within the church.

		reflect the Blitz.	tone to one of the five ele	ements of nature	I To know how lyrics relat	te to the music and have
and	To recognise and learn some World War 2 songs and consider the importance of music during the war. To create a composition to reflect the Blitz.		To learn about Chinese music and Chinese instruments. To know that Chinese music connected each tone to one of the five elements of nature		To compose a tune which can be played whilst the poem is read aloud. To sing confidently within a group. To know how lyrics relate to the music and have	
		To cultivate skills of critical and independent thought. To raise awareness of the consequences of the choices made by adults in whether to stand up for others and to consider different responses to isolation or prejudice within our communities. The Christmas Story To re-tell the events in the Christmas story. To investigate similarities and differences between Matthew and Luke's version of the nativity. To explain the meaning of advent and how Christians prepare. To explain how Christians in different countries celebrate Christmas differently.				

To understand how to use the internet safely (using SMART).
To create a poster using Word outlining how to safe on the internet.
To understand the effects of online bullying.

WWII

To create a multimedia presentation about a particular aspect of World War 2.
To investigate how Morse code was used during World War 2 and learn how to communicate using Morse code.

To know the difference between the World Wide Web and the internet. To research and find out about Tim Berners-Lee. To consider some of the major changes in technology which have taken place during our lifetime

and the lifetime.

Blogging To identify the purpose of writing a blog. To identify the features of successful blog writing. To plan the theme and content for a blog. To understand how to write a blog. To consider the effect upon the audience of changing the visual properties of the blog. To understand the importance of regularly updating the content of a blog. To understand how to contribute to an existing blog. To understand how and why blog posts

To use word processing skills to create, edit, improve and save a story.

To use word count and spelling and grammar checker.

Spreadsheets

To enter data and formulae into a spreadsheet. To identify cells using rows and columns. To use the SUM function to add numbers together.

To order and present data based on calculations. To use the fill tool to copy formulas correctly. To add, edit and calculate data.

To use formulas to calculate totals and averages. To use a spreadsheet to solve problems. To plan and calculate a spending budget.

To design a spreadsheet for a specific purpose.

Word Processing skills

To use word to create a page from a newspaper, working in columns and adding images and captions.

Coding

To review good planning skills.

To design programs using their choice of objects, attributing specific actions to each using their new programming knowledge.

To use variables within a game to keep track of the properties of objects.

To use functions and understand why they are useful in 2Code.

To debug a program and organise the code into tabs.

To organise code into functions and Call functions to eliminate surplus code in the program.

To explore the options for getting text input from the user in 2Code.

How to include interactivity in programming.

To use flowcharts to test and debug a program.

To create a simulation of a room in which devices can be controlled.

To explore how 2Code can be used to make a text-based adventure game.

PE	Invasion Games Gym - 'Travelling' in WWII To demonstrate safety whilst using the apparatus. To travel in and out of counter balances in different ways. To review modes of travel in Gymnastics. To take off on one or two feet. To perform with confidence in front of the class.	are approved by the teacher. To understand the importance of commenting on blogs. Flexibility, strength, control and balance Dance History - WW2 To be able to move with a range of dynamics to express different emotions To be able to execute jitterbug actions. To be able to demonstrate unison as a group. To be able to demonstrate and create shapes representing unity.	Attacking and Defending Invasion - Competitive (Netball & Basketball) To further develop knowledge of attacking and defending. To know how to intercept a pass. To know how to invade as a team. To communicate effectively with team mates. To develop sportsmanship.	Dance Dance Style - Street Dance To be able to express attitude and strong dynamics. To be able to develop physical skill - strength in upper body. To be able to demonstrate street dance technique - top rock, slides, Helicopter. To be able to demonstrate relationships — confrontation.	Dance (fitness and health) Striking & Fielding — Teamwork To field as a collaborative team unit. To strike a ball or object 'cleanly' using different equipment. To retrieve, intercept and stop a ball when fielding. To strike a ball or object using both sides of the body. To recognise their own and other's strengths.	Athletics Going for Gold (Athletics) To develop the technique in order to race walk. To learn to measure & record performance. To train the body to run for a longer duration. To sustain pace over longer distances. To choose appropriate techniques for specific events.
				To be able to explore space - directions and formation.		
PSHE/RSE	Current Affairs To discuss recent headlines and give an opinion. (using Picture News)	Current Affairs To discuss recent headlines and give an opinion. (using Picture News)	Current affairs To discuss recent headlines and give an opinion. (using Picture News)	Current affairs To discuss recent headlines and give an opinion. (using Picture News)	Current affairs To discuss recent headlines and give an opinion. (using Picture News)	Current affairs To discuss recent headlines and give an opinion. (using Picture News)
	Mindfulness To share our thoughts and feelings.	Getting on and falling out	Friendship Week To discuss bullying and how to treat others kindly.			

	To create high self- esteem.	To understand that we are all the same and all different. To understand what difference means. To understand how to sort out a dispute. To be able to give a compliment.				
MFL	Let's visit a F To appreciate stories, son in the language. To explore the patterns a through songs and rhyme sound and meaning of wo To hold a simple converse exchanges, Use my knowl speak correctly, Write a p sentences, Substitute worbilingual dictionary or glo words. To understand a short stornote the main points, Use out unfamiliar words. To describe people, place orally and in writing.	gs, poems and rhymes and sounds of language s, and link the spelling, ords. attion with at least 4 edge of grammar to aragraph of 4-5 rds and phrases, Use a assary to look up new ary or factual text and ethe context to work	Let's go si To appreciate stories, son in the language. To explore the patterns at through songs and rhyme sound and meaning of wo To hold a simple converse exchanges, Use my knowl speak correctly, Write a p sentences, Substitute worbilingual dictionary or glowords. To understand a short stornote the main points, Use out unfamiliar words. To describe people, place orally and in writing.	nd sounds of language s, and link the spelling, ords. Ition with at least 4 edge of grammar to aragraph of 4-5 rds and phrases, Use a ssary to look up new	To appreciate stories, so in the language. To explore the patterns through songs and rhym sound and meaning of v To hold a simple conver exchanges, Use my know speak correctly, Write a	sation with at least 4 wledge of grammar to paragraph of 4-5 ords and phrases, Use a lossary to look up new tory or factual text and se the context to work