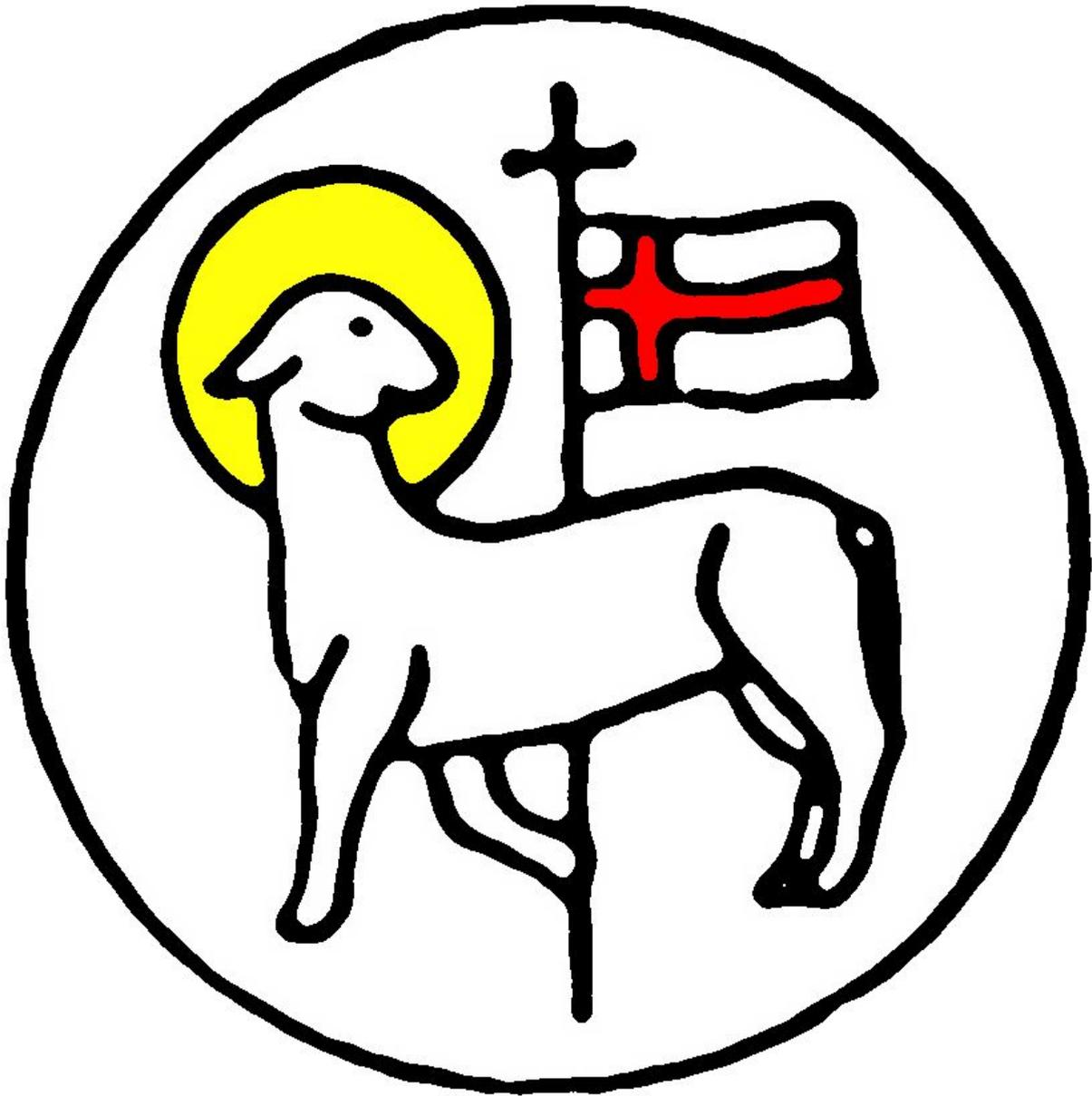


Kidmore End CE School



Year Five/Six

Curriculum Overview

Year 5/6 Curriculum Overview

During Years 5 and 6, children are preparing for the assessments at the end of primary and for transition to secondary school. All our lessons are taught in class groups, with a daily lesson in English and Maths. Many of these lessons use a 'challenge choice model' with teacher focus groups to ensure children are both challenged in their learning and supported where necessary.

For Science, History and Geography we take a thematic approach using Learning Challenges allowing us to focus on a single topic, sometimes over a number of lessons each week. Other subjects such as Art and DT are linked to this topic. When appropriate, English and Maths lessons may also link. The topics we will be teaching each year are shown here:

	Year Five	Year Six
Autumn	Meet the Victorians	World War Two
Spring	Journey into Space The Ancient Egyptians	Woodlands – Rivers and Mountains Maya
Summer	Visit the Rainforest	A journey through our body The Vikings

This booklet sets out the key objectives and characteristics of effective learning we aim to cover during the two years your child will be in our classes.

If you have further queries about the Year Five and Six curriculum, please contact your child's class teacher. You can also find further information on the school website, both on the class pages and under School Life/Curriculum.

Characteristics of Effective Learning

Playing and Exploring – Engagement

Finding out and exploring	Playing with what I know	Being willing to have a go
I am curious about objects, events and people	I pretend with objects	I initiate activities
I use my senses to explore the world around me	I represent experience when I am playing	I seek challenges
I engage in open ended activities	I pretend to be someone else when I am playing	I have a 'can do' attitude
I show particular interests	I act out things with my friends, family and teachers	I take risks, engage in new activities and learn from 'trial and error'

Active Learning – Motivation

Being involved and concentrating	Keep on trying	Enjoy achieving what I set out to do
I can focus on an activity for a period of time	I keep on trying when something is challenging	When I meet a goal I am satisfied
I find some things fascinating	If something is difficult I try harder and try different approaches	I am proud of how I do things (not just the end result)
I am not easily distracted	I bounce back after activities	I enjoy challenge for my own sake, not just for praise and rewards.
I pay attention to details		

Creating and Thinking Critically – Thinking

Having my own ideas	Making links	Choosing ways to do things
I think of ideas	I notice patterns and make links between experiences	I plan how I will solve problems and I make decisions
I find ways to solve problems	I make predictions	I think about how well my activity is going
I think of new ways to do things	I test my ideas to see if they were correct or not	I change how I do things sometimes
	I think about grouping, sequencing and cause and effect	I think about how well my approach worked

Year 5 and 6 Reading Key Objectives

1	I can read aloud and understand the meaning of at least half the words on the Y5/6 list
2	I can read, enjoy and understand a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from the past and books from other cultures or traditions
3	I can write or give a detailed book review including reasons why I would recommend the book
4	I can understand what I am reading by checking that the book makes sense and finding the meaning of new words from the context
5	I can find and write down facts and information from non-fiction texts
6	I can participate in discussion about books that are read to me and those that I can read, building on my own and others' ideas and challenging views courteously

1	I can read aloud and understand the meaning of the words on the Y5/6 list
2	I can read, enjoy and understand a wide range of books, including books from our literary heritage and books from other cultures or traditions
3	I can show my understanding of texts by summarising the main ideas over a paragraph or a number of paragraphs, finding key details and quotations as evidence to support my views
4	I can fully explain my views with reasons and evidence from the text
5	I can participate in discussion about books that are read to me and those that I can read, building on my own and others' ideas and challenging views courteously and with clear reasoning

Year 5 and 6 Writing Key Objectives

1	I can plan my writing by identifying the audience for and purpose of the writing, using other similar writing as models for my own work
2	I can write pieces describing settings, characters and atmosphere, and include speech that helps show the character and their personality or mood
3	I can set out my work correctly and use headings, bullet points or underlining dependent on the purpose of my writing e.g. letter, leaflet, information text, instructions
4	I can mark and edit work to have the correct tense throughout
5	I can proof read for punctuation errors, including the use of brackets and other devices, such as commas or hyphens, used for the same purpose
6	I can change nouns or adjectives into verbs by adding suffixes such as –ate, -ise, -ify e.g. elasticate, standardise, solidify
7	I can indicate degrees of possibility using adverbs e.g. perhaps, surely, or modal verbs e.g. might, should, will, must
8	I can use devices to build cohesion within a paragraph e.g. then, after that, this, firstly
9	I can use commas to make my writing clear to the reader.

1	I can use dictionaries to check the spelling and meaning of words
2	I can change my writing to fit the audience and purpose and choose the correct form and change the language and sentence length for the purpose
3	I can write pieces describing settings, characters and atmosphere, and include speech that helps picture the character’s personality or mood as well as moving the action forward
4	I can set out my work using headings, sub-heading, columns, tables or bullet points to structure the text and to guide the reader
5	I can mark and edit work to have the correct tense throughout
6	I can read work looking for spelling errors and correct them using a dictionary
7	I can change the vocabulary to suit the purpose such as using formal and informal language appropriate to my writing
8	I can use the passive to affect the presentation of information in a sentence
9	I can use the colon to introduce a list and use semi-colons within lists
10	I can use bullet points to list information

Year 5 Maths Key Objectives

1	I can read, write, order and compare numbers up to at least 1 000 000 (one million) and say the value of each digit
2	I can use negative numbers in contexts when looking at temperature or money, counting forwards and backwards through 0
3	I can add and subtract numbers with more than 4 digits using written methods
4	I can solve addition and subtraction problems needing more than one step and can work out which operation and method is the most suitable
5	I can find multiples and factors of a number and can identify factors common to 2 different numbers
6	I can solve problems involving multiplication and division, including using factors and multiples, squares and cubes
7	I can solve problems involving multiplication and division including scaling by simple fractions and problems involving simple ratios
8	I can compare and order fractions whose denominators are all multiples of the same number
9	I can read and write decimal numbers as fractions such as 0.71 as $\frac{71}{100}$
10	I can read, write, order and compare numbers with up to three decimal places
11	I can solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.
12	I can convert between different forms of metric measurement e.g. kilometre and metre, centimetre and metre, gram and kilogram, litre and millilitre
13	I can measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
14	I can calculate and compare the area of rectangles, including using standard units cm^2 or m^2 and estimate the area of irregular shapes
15	I can draw given angles and measure them in degrees
16	I can tell the difference between regular and irregular polygons, by reasoning about equal sides and angles.
17	I can complete, read and interpret information in tables, including timetables

Year 6 Maths Key Objectives

1	I can round any number to a required degree of accuracy
2	I can use negative numbers in contexts when looking at temperature or money, counting in jumps forwards and backwards through 0
3	I can solve problems with more than one step and operation and explain why I used them
4	I can use estimation to check answers to calculations and determine an appropriate degree of accuracy
5	I can multiply numbers of up to 4 digits by a 2 digit number using a formal written method
6	I can divide numbers of up to 4 digits by a 2 digit number using a formal written method of short division, showing remainders, fractions or rounding as appropriate
7	I can use estimating to check answers and problem solving
8	I can use written division methods for numbers with up to 2 decimal places
9	I can solve problems which require answers to be rounded to specified degrees of accuracy
10	I can use equivalences between simple fractions, decimals and percentages to help me solve problems
11	I can use, read, write and convert between standard units. I can convert measurement of length, mass, volume and time from a smaller to a large unit and vice versa. I can do this using decimal notation up to 3 decimal places
12	I can compare and classify geometric shapes based on their properties and sizes. I can also find unknown angles in any triangle, quadrilaterals or regular polygons
13	I can draw and translate simple shapes on the coordinate plane and reflect these in the axis
14	I can interpret and construct pie charts and line graphs. I can use these to solve problems
15	I can calculate and interpret the mean as an average
16	I can solve problems involving the calculation of percentages. I can also use percentages for comparison
17	I can solve problems involving unequal sharing and grouping. I can use my knowledge of fractions and multiples to do this
18	I can use simple formulae