

# Edgewood Primary & Nursery School



**Year 3/4**

**Curriculum Overview**

# Year 3-4 Curriculum Overview

During Years 3 and 4 children are developing their ability reflect on their learning to become independent. At the start of the year, all of our lessons are taught in our class groups. A daily lesson in both English and Maths is supported by additional practice in our skills sessions.

For the subjects of Science, History and Geography we take a thematic approach that allows us to focus on a single topic over a number of lessons each week. The topics we will be teaching each year are shown here:

<b>Cycle A (2014-15)</b>	<b>Cycle B (2015-16)</b>
<ul style="list-style-type: none"><li>• <b>Invasion</b></li><li>• <b>Settlements</b></li><li>• <b>Underground</b></li><li>• <b>Life on Earth</b></li><li>• <b>How to improve our local area</b></li><li>• <b>Design project – local theme.</b></li></ul>	<ul style="list-style-type: none"><li>• <b>Disaster strikes</b></li><li>• <b>Local study - Derbyshire</b></li><li>• <b>Meet the Mummies</b></li><li>• <b>Eat it!</b></li><li>• <b>Ice age and us</b></li><li>• <b>Hot, Hot, Hot!</b></li></ul>

This booklet sets out the key objectives we aim to cover during the two years your child will be in our classes, and to indicate some of the topics we will teach each year.

If you have any further queries about the Y3/4 curriculum, please contact your child's class teacher.

# Key Objectives for Reading in Y3/4

## Key Objectives

1	Read aloud and understand words based on knowledge of root words, prefixes and suffixes
2	Read further exception words, including those with unusual spelling/sound links
3	Use dictionaries to check the meanings of words
4	Check that a text makes sense, including explaining the meaning of words in context
5	Retrieve and record information from non-fiction texts
6	Identify key points drawn from more than one paragraph
7	Draw inferences about feelings thoughts and motives, and make predictions
8	Discuss words and phrases which capture the reader's interest
9	Describe how organisation and structure help the reader
10	Recognise some different forms of poetry

# Key Objectives for Writing in Y3/4

## Key Objectives

1	Adopt the features of existing texts to shape own writing
2	Build sentences with varied vocabulary and structures
3	Develop detail of characters, settings and plot in narratives
4	Organise paragraphs around a theme
5	Proofread own work for spelling and punctuation errors
6	Read aloud using appropriate intonation, tone and volume
7	Suggest improvements to grammar and vocabulary
8	Use simple organisational devices in non-fiction
9	Choose nouns and pronouns for clarity and cohesion
10	Recognise and use standard English verb inflections
11	Use a range of conjunctions to extend sentences with more than one clause
12	Use and punctuate direct speech correctly
13	Use conjunctions, adverbs and prepositions to express time, cause & place
14	Use extended noun phrases, including with prepositions
15	Use fronted adverbials
16	Spell words which are often misspelt from the Y3-4 list
17	Use a dictionary to check a spelling
18	Use appropriate handwriting joins, including choosing un-joined letters
19	Use the possessive apostrophe accurately

# Key Objectives for Mathematics in Y3

## Key Objectives

1	Count in multiples of 4, 8, 50 and 100
2	Compare and order numbers up to 1000
3	Know 3x, 4x and 8x tables
4	Add and subtract numbers mentally, including round numbers to HTU
5	Add and subtract using standard column method
6	Estimate answers to calculations and use the inverse to check answers
7	Count up and down in tenths
8	Understand that tenths are objectives or quantities divided into ten equal parts
9	Compare and order simple fractions
10	Recognise and show equivalent fractions
11	Find and write fractions of a set of objects
12	Add and subtract fractions with common denominators (less than one)
13	Measure, compare and calculate measures using standard units
14	Measure the perimeter of simple 2-D shapes
15	Add and subtract money, including giving change
16	Tell and write the time from an analogue clock, including using Roman numerals
17	Estimate and read time to the nearest minute
18	Identify horizontal, vertical, parallel and perpendicular lines
19	Identify whether angles are greater or less than a right angle
20	Interpret and present data using bar charts, pictograms and tables

# Key Objectives for Mathematics in Y4

## Key Objectives

1	Count backwards through zero, including negative numbers
2	Recognise place value in four-digit numbers
3	Round any number to the nearest 10, 100 or 1000
4	Know tables up to 12 x 12
5	Use place value and number facts to carry out mental calculations
6	Use factor pairs and commutativity in mental calculations
7	Use short multiplication method
8	Recognise and use hundredths
9	Recognise and write decimal equivalents to $\frac{1}{4}$ , $\frac{1}{2}$ and $\frac{3}{4}$
10	Divide one- or two-digit numbers by 10 and 100, using tenths and hundredths
11	Round decimals with one decimal place to the nearest whole number
12	Compare numbers up to two decimal places
13	Convert between different units of metric measurement, including money
14	Find the area of rectilinear shapes by counting squares
15	Solve problems converting units of time
16	Compare and classify shapes, including quadrilaterals and triangles
17	Complete a simple symmetric figure with respect to a specific line of symmetry.
18	Describe positions on a 2-D grid using co-ordinates
19	Describe translations using a given unit to the left-right and up-down
20	Interpret and present discrete and continuous data on appropriate graphs

# Key Objectives for Science in Y3/4

## Investigation Objectives

1	Set up simple fair tests
2	Collect and present data from scientific experiments
3	Take accurate measurements using a range of scientific apparatus
4	Use results from experiments to draw simple conclusions or suggest improvements
5	Present findings using tables, graphs and charts as appropriate
6	Use straightforward evidence in support of ideas

## Cycle A Objectives

1	Explain some functions of skeletons and muscles in animals
2	Identify the three main rock types and describe their properties
3	Notice that light is reflected from surfaces
4	Find patterns in the way that the sizes of shadows change.
5	Use a classification key to identify plants or animals
6	Construct and interpret a variety of food chains, identifying producers, predators and prey.
7	Recognise that vibrations from sounds travel through a medium to the ear
8	Construct a simple series electrical circuit, identifying and naming its basic parts

## Cycle B Objectives

1	Describe the main requirements for plant growth (air, light, water, nutrients from soil, and room to grow)
2	Explain the main stages of plant reproduction (pollination, fertilisation, seed dispersal)
3	Group materials according to their magnetic properties
4	Describe the simple functions of the basic parts of the digestive system in humans
5	Compare and group materials together, according to whether they are solids, liquids or gases
6	Explain the main stages of the water cycle

## Year 3/4 timetables

Each class in Year 3/4 swim for 8 sessions. This means that our entire timetable changes on an 8-week rota. Below is a sample plan typical for most 3 / 4 classes to show the spread of lessons across a week.

### Y3/4 sample timetable

<b>Mon</b>	English	<b>B</b>	Maths	<b>L</b>	Music	<b>B</b>	Theme ( RE )
<b>Tue</b>	English	<b>R</b>	Maths	<b>U</b>	Science	<b>R</b>	Computing
<b>Wed</b>	Swim	<b>E</b>	Swim	<b>N</b>	English	<b>E</b>	Maths
<b>Thu</b>	English	<b>A</b>	Maths	<b>C</b>	Reading	<b>A</b>	Theme ( History / Geography )
<b>Fri</b>	Spanish	<b>K</b>	PE	<b>H</b>	English	<b>K</b>	Maths