

# Engage, Enquire, Excel at Millfield

## Year 5/6

### Welcome back!

What an unusual time we have all experienced over the past 6 months to say the very least! The children in Upper Key Stage 2 have embraced the new term with enthusiasm and are already doing some excellent learning in their lessons. We are very pleased that they have adapted so quickly to new routines to help keep them safe and I know you would be proud of them too. If you would like to talk to your child's teacher please do get in touch either in person at school or by calling the school office.

Please be reassured that we are working hard to support all the children to acquire new knowledge and develop their skills in all aspects of the curriculum from their own starting points. The most important thing that you can do at home, to support your child, is to encourage them to read. Whether this be with you or on their own - regular reading is proved to make a difference to attainment in all subjects. Thank you, as always, for your support.

Mrs Atkin, Mrs Kirby, Miss Wright, Mrs Thornhill and Mrs Green.

### Engagement and Enquiry through our Learning Challenge

The Learning Challenge for this period will be **8.7 million species: how are they organised?** and much of our learning will be directly linked to this. Children are naturally curious about the animal kingdom and we will encourage them to enquire more deeply into the lives and habitats of both familiar and unfamiliar creatures. We will study the book 'The Wonder Garden' by Jenny Broom to explore five of Earth's most extraordinary habitats, each filled with incredible creatures and epic scenery.

### English and Maths

We will follow the National Curriculum for Y5 and 6 and develop the children's knowledge and skills in reading, writing as well as spelling and grammar by

- distinguishing between statements of fact and opinion
- finding, recording and presenting information from non-fiction texts and using notes
- providing reasoned justifications for their views
- identifying the audience for and purpose of their writing
- noting and developing initial ideas, drawing on reading and research where necessary
- using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]
- editing their own writing
- using expanded noun phrases
- using a colon to introduce a list
- punctuating bullet points consistently
- write legibly, fluently and with increasing speed
- spell some words with 'silent' letters [for example, knight, psalm, solemn]
- continuing to distinguish between homophones and other words which are often confused

In maths Year 5 children will

- read, write, order and compare numbers to at least 1 000 000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
- use formal written methods to solve addition, subtraction, multiplication and division calculations
- solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

In maths Year 6 children will

- 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
- continue to use formal written methods to solve addition, subtraction, multiplication and division calculations including long multiplication and division
- identify common factors, common multiples and prime numbers
- use their knowledge of the order of operations to carry out calculations involving the four operations

**The wider curriculum linked to our Learning Challenge:** “8.7 million species: how are they organised? ”

This is a science based learning challenge. The children will learn to

- describe the differences in the life cycles of mammals, amphibians, insects and birds
- describe the life process of reproduction in some plants and animals.
- describe how living things are classified

While developing their scientific skills in

- using and developing keys and other information records to identify, classify and describe living things and materials, and identify patterns that might be found in the natural environment
- using scientific language and illustrations to discuss, communicate and justify their scientific ideas
- using oral and written forms such as displays and other presentations to report conclusions

#### Other subjects within the wider curriculum

**Art:** Sketching and Drawing skill development including study of tone, texture, line and perspective. Children will develop their observational drawing skills and use their drawing skills to complete scientific diagrams.

**PSHE:** Myself and My Emotions ‘Do I control my brain or does it control me?’ looking at how we can understand and control our emotional reactions by understanding how our brain works. How we can develop our own self-relaxation strategies for when we feel overwhelmed by powerful emotions.

**RE:** Study of Christian Life and the Bible focussing on exploring New Testament teachings on living a Christian life e.g. “The Fruits of the Spirit” in Galatians 5 and I Corinthians 13 on love and consider their relevance for today’s world.

**Music:** Will be taught by our specialist teacher Mrs Clough and will include a study of Rock Music including song structure, pulse, tempo, dynamics and texture The children will copy and play riffs as well as improvising and composing simple melodies using simple rhythms and the notes GABDE.

**PE:** Tag Rugby will be taught by Active Play sports coaches and Cross Country Running / Fitness will be taught by school staff

**Computing:** Use of virtual learning environment and research skills using search engines will form the main components of this subject

#### Useful Information

**Home Learning:** Will be set via the 5/6 Google Classroom on a Friday and will be due in by the following Friday. All children need to read daily please to develop skills and build stamina.

**PE kit:** Needed in school all week please. Children need shorts, jogging bottoms / leggings, t-shirt, jumper/hoody and suitable footwear. If possible PE will take place outside.

#### Useful websites- for both children and parents

<https://www.saferinternet.org.uk> (Keeping your child safe online)

<https://www.thinkuknow.co.uk> (Keeping your child safe online)

<https://www.nspcc.org.uk> (Keeping your child safe, also excellent source of information for children on a range of issues including peer pressure, relationships and keeping themselves safe)

<https://www.bbc.co.uk/bitesize> (Support for all subjects including maths and English)

<https://www.booktrust.org.uk/books-and-reading/bookfinder/> (Support in finding books for your child to read at home)

<https://www.topmarks.co.uk/maths-games/daily10> (Mental maths practise) <https://www.topmarks.co.uk/maths-games/hit-the-button> (Quick fire mental maths practise)

