



Fairfields Primary School

Curriculum Information for Parents Year 4 Summer Term 2017

Dear Parents,

Welcome back after what we hope was an enjoyable and relaxing break. We would like to share with you some of the topics that your child will be learning about over the coming weeks.

Maths

This year the children will be expected to know all of the times tables and corresponding division facts by the end of the summer term. Any help that you can provide to help your child to achieve this target will highly beneficial. We will continue to extend and develop the children's mathematical knowledge and understanding. We aim to develop:

- Confident use and application the four rules of number i.e. addition, subtraction, multiplication and division (see attached for strategies we teach in school)
- Ability to solve everyday word problems involving number, shape and space, money and measures. These are the kinds of problems we focus on. Please help your child to solve problems in context at home, for example:
 - When shopping, find totals by rounding to the nearest 10p or £1 and calculate change by counting up from the smallest amount or counting back from the larger number.
 - Using scales on measuring equipment such as rulers, tape measures and weighing scales and answering questions such as 'how much longer is one object than another?', weighing amounts for a recipe and working out what double the recipe would be.
 - Telling the time to the nearest minute on both analogue and digital clocks and working out time intervals e.g. how long is it until bedtime?
 - Playing board games to help counting on and counting back.

We will describe positions using grids and directions using the eight compass points. We will organise, represent and interpret information in tables, charts and graphs.

Literacy

Our literacy work will be closely linked with our topics, where possible, and will include letter writing, playscripts, poetry, recounts and information brochures/books. The children will also be learning a variety of grammatical terms associated with their writing (e.g. present perfect tense - {has, have, had}, modal verbs - {should, could, would}, apostrophes, adverbials and embedded clauses).

Science

In *science* the focus will be animals including humans. The children will begin to describe the functions of the digestive systems in humans, identifying different teeth in humans and their functions and constructing and interpreting food chains, identifying producers, predators and prey.

Computing

In the Summer Term the children will be learning to use lego and scratch programming. After half term they will explore the crystal rainforest programme to learn about de-bugging problems.

Topic

Woodlands -In the first half term, we are taking part in a cross-curricular project investigating the plants and animals that live in the woodland and build up an understanding of how to sustain our woodlands for the future because of their importance. We will use a range of maps, keys and photographs to learn about woodlands in our local area and we will be visiting Queen Elizabeth Country Park (date to be confirmed) to apply the skills we have learnt in class.

Habitat Hunters - After half-term, Year 4 will become 'Habitat Hunters' which builds upon their 'Woodlands' topic from the beginning of the term. They will investigate how plants and animals live in different habitats around the world and how humans can affect the habitats of other creatures. We will also visit the Living Rainforest to see the animals and plants that inhabit the rainforest. Part of this topic will involve comparison work between woodlands and rainforests and look at the climate differences between the two.

Art / DT

This term the art focus will be working with watercolour and the children will create some woodland scenes using a variety of watercolour techniques. After half term we will be working on the skills of batik (wax and dye prints on fabric). The children will be creating rainforest themed batiks.

In DT, the children will be working on levers and linkages by creating pop-up pages linked to their woodland and rainforest topics.

Music

Music lessons this term are being taught by a Hampshire music teacher. The children will learn to use their voices as instruments.

PSHE

The focus of P.S.H.E. in the Summer term will be 'Relationships' and 'Changes'. The children will be learning how to face new challenges and changes positively, and to cope with changing relationships.

Physical Activity

The children will have their outdoor PA lessons (Cricket) on a **Tuesday** morning. On a **Wednesday** morning, the children will be doing dance in the hall. **It is important that all the children have their PE kit in school all week though**, in the case of timetable changes. The kit must contain appropriate footwear and clothes. Children who do not bring their kit often feel distressed because they don't like to be different from everyone else. They may also require sun cream and a sunhat if the weather is warm and / or trousers and jumper in case of inclement weather. Can we please remind you that, in the interests of safety, earrings must be removed or covered with tape that the children have brought in during PA lessons. Long hair should be tied back. Both classes should bring in their PA kit on a Monday and take it home to be washed on a Friday. Please could you ensure that your child has a named drink bottle with them each day.

Please can you ensure that all school uniform and kit is named otherwise it will get lost.

Faith and Belief (F.A.B)

In F.A.B we will continue to teach the children about Christianity and other world religions. Children will be given the opportunity to discuss their own thoughts and beliefs as well as learn about those of others. They will learn specifically about the Jewish initiation ceremony of Bah Mitzvah and the Christian ceremony of Confirmation.

These are some of the topic words the children will come across over the coming weeks.

Science Vocabulary

Teeth	incisor	canine	molar	premolar
digestion	intestines	Molecules	permanent	carnivore
omnivore	herbivore	grind	chew	cut
permanent	milk teeth	mouth	oesophagus	stomach
duodenum	small intestine	large intestine	rectum plus liver	food chain
producer	prey	consumer	pancreas & gall bladder	

Ideas to help your child with their learning at home

- 1. We are having a big focus on the four operations - addition, subtraction, multiplication and division. Any practise that you can do with your child will help. Ask your child whether they have been solving 2, 3 or 4 digit calculations in school to help you know what level to start with them. Also the more times tables facts that your child knows, the easier they will find multiplication and division.*
- 2. Encourage your child to access Frog - a safe website where the children can complete a range of activities linked to their learning and which we will also set some specific homework on. The children have their own username and passwords for these.*
- 3. Encourage your child to visit the BBC websites for the science clips linked to the topics we are studying this term or last. There are also some great maths games on the BBC site too.*

http://www.bbc.co.uk/schools/scienceclips/index_flash.shtml

<http://www.bbc.co.uk/schools/ks2bitesize/maths/>

- 4. Encourage your child to visit the Number Gym website for some great maths games on number bonds and times tables.*

<http://www.numbergym.co.uk>

Click on the schools online tab. Both the username and password are fairfields.

- 5. Also we have access to The Big Bus website where children can improve their mental maths and times tables.*

www.members.thebigbus.com

username: tbb11457 password: dfluoyr

As usual, if you have any questions about the subjects that your child will be learning or any other queries, please do not hesitate to come in and see us - we are available most days after school and can usually be found on the playground at 3.10. However if you would like to make an appointment to see us, please contact the office.

Yours sincerely,

Mr Stapleton

Miss Rees