

Year 5/6 Autumn 1: Fit in Five

Dear Parents,

We would like to give a warm welcome the children into Year 5/6. We loved transition day with our new classes and we are extremely excited for this upcoming year.

In this newsletter, you will find information about our upcoming theme- "Fit in 5" and some extra information for the year including key dates for your diary and PE days.

We will send a newsletter home every half term with information about the upcoming theme and any important information that we need to share with you.

We will be available after school any days if you wish to come around and meet us. Alternatively, you can reach us by writing in your child's planner, emailing us or contacting us on seesaw.

We hope your children settle in to their new classes well and we are thoroughly excited for this new academic year. Any questions, please do not hesitate to contact us.

Kindest regards,

The Year 5/6 team

Miss Stanton & Mrs Barker - Eagle class YR 6

Miss Hutchings - Woodpecker class YR 6

Mr Jones - Hedgehog class YR 5

Miss Scott - Rabbit class YR 5

Theme - fit in 5

The purpose of our theme 'Fit in Five' is to inspire young scientists, sportsmen and women, doctors, nurses, nutritionists and chefs of the future. We will engage, excite and spark their curiosity with real-life and relevant topics! Children will improve their understanding of developing a scientific enquiry, cooperating as a team and confidently reporting back their findings. We will then investigate the functions of the circulatory system - even dissecting a lamb's heart! Children will also help and support their teachers develop their fitness, wellbeing and nutrition and invite their parents in for a well-being retreat where they will share their expertise and invite you to food taste their healthy burger.

Science: We will be investigating the main parts and functions of the circulatory system, developing our understanding of the impact of diet and exercise on our bodies and working scientifically to complete heart rate investigations.

Food technology: We will be using our understanding of healthy and balanced diet to design, prepare and cook a healthy burger. We will make the buns and patties from scratch and use bridge and claw methods to safely cut up toppings and side dishes for our meal. We will even create packing for our end product.

Music: We will be using the boom wackers and garage band on the iPad's to develop a backing track and a rap to promote healthy living.

Computing: We will be collecting fitness data to input into spreadsheets and begin to use formulas to produce calculated data. Children will also gain skills to calculate data using four operations (addition, subtraction, multiplication and division)

We will also be teaching MFL (French), RE and PSHE weekly.

English - In English, we will be studying Holes by Louis Sachar. We will be linking this to a range of writing opportunities where the children will write setting descriptions, diary entries and letters from Stanley's pov, non-chronological reports and narrative stories based on modern day camp green lake and a flashback narrative to life at camp when there was a lake.

Maths - In maths, we will be looking at number and place value in order to compare, order, multiply and divide numbers up to 1,000,000. We will then be looking at addition and subtraction and be developing our understanding through formal methods and word problems with multi-steps. We will finish the half term by looking at multiplication and division and learning formal methods for these calculations to support solving multi-step reasoning problems.

Key notices:

- Friday 1st September is an INSET day
- Children should return to school on Monday 4th September.
- Children should bring their planners in everyday and these will be checked at least once a week by the class teacher - please still write in your child's planner when they are reading at home - we love to see this!
- The New Barn residential for Year 5 will take place from the 18th-20th October 2023
- The Kingswood residential for Year 6 children will take place from the 16th-20th October
- **PE days are the following:**
Rabbits: Tuesday and Friday
Hedgehogs: Tuesday and Friday
Eagle: Wednesday and Friday
Woodpecker: Monday and Friday
- Our school trip to Harry Potter studios in Autumn 2 term is now on SCOPAY. The cost is £28 - please see previous letter for more details

Year 5/6 Home Learning

If you can help with reading in school and hold a Hampshire Education D.B.S please can you let your class teacher know. It really does help and the children love it.

Spellings

These will be sent home every **Monday** and tested the **following Monday**.

There will be between 8-10 words that follow the rule we are looking at in class.

As part of the test, we will add 2 further words that follow this rule plus 2 words from a previous week's spelling home-learning.

This will help us ascertain if the children fully understand their spelling-learning.

Your child can practice these with their spelling shed login and also with sheets provided by your class teacher.

Maths

Maths Home learning will be set via Seesaw on a Friday with the expectation that the task will be completed by the following Wednesday.

The tasks that are set will be in line with what the children have been learning that week in Maths.

Additionally to this, children should still be using TTRS to practice their times tables at least 3 times per week.

English

English Home learning will be set via Seesaw on a Friday with the expectation that the task will be completed by the following Wednesday.

The tasks that are set will alternate between a SPaG activity and a reading task.

Reading – This year we are really promoting a love of reading as it underpins all learning

We expect the children to be reading 5 times a week at home. Please can **three** of these times be to an adult and **this needs to be recorded and signed in the planner every week**. We are happy for you to read to your child, share audio books, take turns in reading pages etc but the most important thing is to talk about what has been read.

WE WILL BE COLLECTING IN ALL PLANNERS ON A MONDAY TO LOOK AT THE LEARNING THAT HAS HAPPENED AT HOME AND WILL RETURN THESE TO THE CHILDREN ON TUESDAY

Helping at Home

Below are some ideas of what you can do with your child over the next half term to support the learning at school

Practise:

Spelling tests will take place on a Monday. Please support your child by discussing the current week's rules with them and the spellings they are learning. In the back of their planners is a list of words they should be able to spell in KS2.

Please aim for at least 3 sessions on TTRS per week. Please speak to your child's class teacher if your child has forgotten their logon details.

If you would like some extra handwriting practise, please speak to your child's class teacher

Talk and explore (Here are some example questions to generate discussion about what we will be doing at school. Some of these will not be covered at the beginning of the term)

- What is the circulatory system?
- What do the different blood vessels do?
- How can you make a nutritionally balanced meal?
- What are the different food types?
- Why is exercise important?
- How can you use excel to create a graph?
- What are the different types of fitness
- What is the story 'Holes' about?

Play

Here are a few resources you can look at to develop understanding of the circulatory system:

<https://www.bbc.co.uk/bitesize/topics/zwdr6yc>

<https://www.theschoolrun.com/homework-help/human-circulatory-system>

<https://www.bbc.co.uk/teach/class-clips-video/science-ks2-how-our-circulatory-system-keeps-us-alive/zhf76v4>

<https://kidshealth.org/en/kids/csquiz.html>

Read

Please continue to read with your child at home and discuss the characters and the themes in the stories. When reading, please make a note in their planners.

Why are times tables useful?

Square and cube numbers

$3^2 = 3 \times 3 = 9$

$5^2 = 5 \times 5 = 25$

$2^3 = 2 \times 2 \times 2 = 8$

Multiples and common multiples

Multiples of 3: 3, 6, 9, 12, 18, 21, 24

Multiples of 4: 4, 8, 12, 16, 20, 24, 28, 32

Area of rectangles, triangles and parallelograms

$(b \times h) \div 2$

7cm, 10cm

4cm, 9cm, Area = 36cm²

Simplifying fractions

$\frac{9}{15} \div 3 = \frac{3}{5}$

Finding a fraction or percentage of a number

$\frac{3}{4}$ of 48

$48 \div 4 = 12$

dividing by 4 finds one quarter.

$12 \times 3 = 36$

multiplying by 3 finds 3 quarters

Factors and common factors

3 6 product

1 x 3 6

2 x 1 8

3 x 1 2

4 x 9

6 x 6

4 8

1 x 4 8

2 x 2 4

3 x 1 6

4 x 1 2

6 x 8

3 6

1 x 3 6

2 x 1 8

3 x 1 2

4 x 9

6 x 6

Short and long division

$4 \overline{) 625}$

1 5 6

2 2

Adding, subtracting, multiplying and dividing fractions

$\frac{7}{4} + \frac{11}{8}$

$\frac{14}{8} + \frac{11}{8} = \frac{25}{8}$

$\frac{25}{8} = 3\frac{1}{8}$

Converting between mixed and improper fractions

$1\frac{3}{4} = \frac{7}{4}$

multiply

Identifying prime and composite numbers

A prime number is a whole number greater than 1 with no divisors except 1 and itself.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Calculating volume

5cm, 3cm, 2cm

Volume = 5 x 3 x 2

Using algebraic rules

Rule: 5n - 4

1st term: 5 x 1 - 4 = 1

2nd term: 5 x 2 - 4 = 6

3rd term: 5 x 3 - 4 = 11

4th term: 5 x 4 - 4 = 16

5th term: 5 x 5 - 4 = 21

Short and long multiplication

853×32

8 5 3

6

8

1 0

Ordering and comparing fractions

$\frac{2}{3} \times 4 = \frac{8}{3}$

$\frac{3}{4} \times 3 = \frac{9}{4}$

1 2

1 2

Finding prime factors

5 2

2 2 6

13 2

Calculating ratio

A prize is shared in a ratio of 3 : 4 between Jamie and Dan. If Jamie gets £21, how much will Dan get?


Jamie : Dan

3 : 4

21 : 28

x7

x7

<p>Science Using the following link, create your own pumping heart model https://www.youtube.com/watch?v=xUdSashz-sY</p>	<p style="text-align: center;">Year 5/6 – Fit in 5</p> <p style="text-align: center;">Ideas for Home Learning to Further Support Your Child</p> 	<p>Music In the same rhythm used at school for healthy eating, try and create a rap all about your family.</p>
<p>Science Further investigate the impact of exercise on the human body. Try some of the activities here: https://www.youthsporttrust.org/resources/physical-challenges-for-kids/60-second-physical-activity-challenges</p>		<p>DT Create a savoury meal for the family using the principles of a healthy and balanced diet</p>
<p>Practise them every day for a period of time Do the activities get easier?> Can you do more of the activity in the time given? Are there changes to your breathing?</p>	<p>French Watch the following video as a recap: https://www.bbc.co.uk/bitesize/topics/zjcbj6/articles/zdxwcmn</p>	<p>Science/Computing Create a documentary on the importance of keeping healthy and exercise using the skills learnt at school.</p>