

Year 5/6 Summer 2: 'One World' and 'Goodbye to Botley'

Dear parents and carers,

It is summer 2 already! What a busy year we've had and we've got so much more to do. Keep an eye on the weekly updates for all the key dates and events you'll be looking forward to.

We will be doing two brand new themes this half-term. Year 5 will be focusing on 'Our World' while Year 6 will, sadly, be preparing to say 'Goodbye to Botley'.

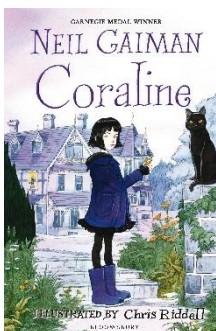
Thank you for all your support and help this year.

Kind Regards,

The Year 5/6 team

Mr Todd, Mrs Barker, Miss Stanton, Miss Cook and Mr Jones

If your child has a copy of *Coraline*, please bring them to school for this half term.



Y6: Goodbye to Botley.

Year 6s will be completing a variety of projects in their final half term at Botley. In DT, they will be designing and sewing their own leaver's cushions while in Art, they will look at 4 different artists for inspiration before creating a self-portrait using Acetate and Acrylic paints.

Year 6 will also be putting on the end of year performance, which as well as linking so well to the English Speaking and Listening Curriculum, links perfectly with learning about light in Science. Finally, year 6 will be learning to plan, film and edit their own documentaries using iMovie.

Y5: Our World

This half term, year 5 will be focusing on sustainability as part of 'Our World.' They will consider how environmentally friendly our school is, as well as considering the impact of humans on the environment and exploring sustainability in Geography and Science. In Art, year 5 will design, make and evaluate a framed entry to Botley gallery against a given design brief, and create their own instruments out of unwanted and unused materials in music.

Maths and English

Y5 - Maths: In year 5, children will be securing their understanding of the four written methods (addition, subtraction, long and short multiplication, short division). They will also be looking in more depth at geometry before mastering their fraction skills. They will also apply their knowledge of the four operations and fractions in problems involving decimals and measure.

Y6 - Maths: Children will be preparing for moving onto secondary by consolidating the mathematical skills they have worked so hard on this year by practising solving tricky multi-step problems over a range of topics. They will then look more closely at concepts such as algebra that they will start learning in more detail at their next schools.

English: Year 5 and year 6 will be studying *Coraline*, by Neil Gaiman. This is a spooky and atmospheric book; ideally lending itself to writing suspenseful stories. We will also be studying characters in detail, writing letters of advice to help them in their decision-making.

Key notices:

- Children should bring their planners in everyday and these will be checked at least once a week by the class teacher.
- Year 6 will visit the library on Thursday afternoons and Year 5 Library Days will be Friday,
- **PE days are the following:**
Rabbits: Thursday and Friday
Hedgehogs: Wednesday and Thursday
Eagle: Monday and Thursday
- Woodpecker: Monday and Thursday

These days may occasionally change so please make sure your child's PE kit is labelled and in school every day. If your child cannot undertake PE for any reason, they should bring a note explaining why.

Year 5/6 Home Learning

Please ask your teacher if you need a new code for accessing Seesaw!

Spellings

Spellings will be tested every Friday, with the new words given out after the test.

There will be between 8-10 words that follow the rule we are looking at in class, building on the spelling sessions in school that week.

The words tested may not be exactly as the words given out but will require children to use their knowledge of suffixes and prefixes too!

i.e. immediate might become immediately for the test!

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.

Times Tables Rockstars

Regular practice will help your children become fluent times tables rockstars. Times Tables help with so many different areas of maths and are key for all year 5/6 students! See the back page of this leaflet for more!

Keep an eye out for any competitions or challenges online!

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.

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 READING THAT HAS HAPPENED AT HOME.

Early Morning Activities

Early morning activities begin at 8:40am and focus on the key skills of reading, spellings, maths and grammar. Please ensure you are here on time to take part!

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 Friday. 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.

Transition

Engage with your children about their next steps in life: how are they feeling about moving onto year 6 or year 7? What are they looking forward to? Is there anything they need more support with?

All of the teachers have helped many children make these transitions over the years and would be more than happy to answer any questions your child may have.

Talk and Explore/Watch and Play

Blog on Acetate Artwork (Year 6)

<https://amslerartroom.com/student-work/reverse-painting-acetate-self-portraits/>

Introduction to iMovie (Year 6)

<https://www.youtube.com/watch?v=G3FpNM5nW-s>

Sustainability First: a collection of videos, activities and talking points on 'Our World' (Year 5)

<https://www.sustainabilityfirst.org.uk/our-changing-world>

David Attenborough

<https://www.bbc.co.uk/teach/live-lessons/bitesize-the-regenerators-the-green-planet-live-lesson-1/zj4gg7h>

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 yourself, or check that your child has filled in what they have read.

End of Year Production

Please keep an eye out for more information on our upcoming End of Year Production.

Thank you for all your help with learning lines, preparing costumes and supporting the budding actors/actresses!

Why are times tables useful?

Square and cube numbers

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

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

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

Factors and common factors

3×6	4×8	3×6
$1 \times 3 \times 6$	$1 \times 4 \times 8$	$1 \times 3 \times 6$
$2 \times 1 \times 8$	$2 \times 2 \times 4$	$2 \times 1 \times 8$
$3 \times 1 \times 2$	$3 \times 1 \times 6$	$3 \times 1 \times 2$
4×9	$4 \times 1 \times 2$	4×9
6×6	6×8	6×6

Calculating volume

Volume = $5 \times 3 \times 2$

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

Short and long division

$$\begin{array}{r} 156 \\ 4 \overline{) 625} \\ \underline{4} \\ 22 \\ \underline{20} \\ 25 \\ \underline{20} \\ 50 \\ \underline{40} \\ 100 \\ \underline{80} \\ 200 \\ \underline{160} \\ 400 \\ \underline{400} \\ 0 \end{array}$$

Using algebraic rules

Rule: $5n - 4$

1st term: $5 \times 1 - 4 = 1$

2nd term: $5 \times 2 - 4 = 6$

3rd term: $5 \times 3 - 4 = 11$

4th term: $5 \times 4 - 4 = 16$

5th term: $5 \times 5 - 4 = 21$

Area of rectangles, triangles and parallelograms

$(b \times h) \div 2$

7cm

10cm

4cm

9cm

Area = 36cm^2

Short and long multiplication

$$\begin{array}{r} 853 \\ \times 32 \\ \hline 1706 \\ 1656 \\ \hline 27296 \end{array}$$

Ordering and comparing fractions

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

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

$\frac{8}{3} = \frac{16}{6}$

$\frac{9}{4} = \frac{13.5}{6}$

Simplifying fractions

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

Converting between mixed and improper fractions

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

multiply

Finding prime factors

5 2

2 2 6

13 2

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

Adding, subtracting, multiplying and dividing fractions

$\frac{7}{4} + \frac{11}{8} = \frac{14}{8} + \frac{11}{8} = \frac{25}{8}$

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

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 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

$\times 7$