

Year 3/4 Spring 2: Staying Safe

Dear Parents and Carers,

We're more than halfway through the school year already!

This half term we will be considering all things safety. This includes exciting opportunities to do some Geography fieldwork in Botley where we will be considering how safe our roads are. To help us with this project, there will be a short online questionnaire sent home via email. There is also a link at the bottom of this page. We would be very grateful for any responses which will help children gather more data!

Towards the end of the term, we will be getting ready for leading the Easter celebration, learning songs and preparing readings. We very much look forward to sharing this with you.

Best wishes,

The Year 3/4 team



English: Children will complete a series of writes based on Michael Morpugo's *Where My Wellies Take Me* and a number of poems.

Children will create a scrapbook in the style of Morpugo's book, before writing their own piece of performance poetry, a diary and a final poem based on 'If I were a Sloth...'

Maths: Children will recap and extend their understanding of Fractions, Measurement and Geometry. We will also be focussing on Times Tables to ensure your children are in the best place ready for the Times Table Check in the summer term.

Science and DT: This half term, we will be learning about electricity in Science including how to make simple circuits and which materials are good conductors and insulators. We will also be very lucky to welcome in a Science expert from Deer Park secondary who will lead exciting Science workshops on electricity. We will use all the knowledge we have gained to design a circuit for a road traffic sign, which we also built using our woodwork skills.

Geography: Children will be focussing on gathering data to answer the enquiry question: Are Botley's Roads Safe? We will look at how Botley has changed over time, interview local residents and collect data on traffic to reach our conclusion.

Computing: Children will use new technologies to record and edit their own podcasts on e-safety.

All classes will also have RE, PE, PSHE, French, Spelling and Handwriting sessions.

Link to Road Safety Questionnaire:

<https://docs.google.com/forms/d/e/1FAIpQLSeoAEyO16qSXBS14Z2B1wybtbegvp5Izc0GaEAb-tfXkON6Lg/viewform?vc=0&c=0&w=1&flr=0>



PE Days: Monday and Thursday (Fox)
Monday and Friday (Badger and Deer)

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.

Library Days:
Foxes: Tuesday
Badgers: Wednesday
Deer: Wednesday

Year 3/4 Home Learning

Please ask your teacher if you need a new code for accessing Seesaw, or to be reminded of usernames and passwords for Times Table Rockstars or Spelling Shed!

Spelling

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

There will be between 6-8 words that follow the rule we are looking at in class.

Each week, the spelling words will also be assigned on Spelling Shed for children to practice at home.



Times Tables Rockstars

Regular practice will help your children become fluent Times Tables Rockstars. Times Tables are key for all year 3/4 students! See the back page of this leaflet for more!

At the end of year 4, all children in England now sit a Multiplication Tables Check (MTC). On Times Table Rockstars, the Soundcheck mode is an excellent way of practising for this assessment.



SOUNDCHECK

Beat the clock

Early Morning Activities

Early morning activities begin at 8:40am. Please ensure you are here on time to take part!

Maths and English

Maths and English home learning will be set via Seesaw or in the children's homework books on alternate Fridays with the expectation that the task will be completed by the following week.

The tasks that are will be in line with what the children have been learning that week in school, or maybe recapping topics learnt earlier in the year.

Reading

We love reading and expect the children to be enjoying a book at least 5 times a week at home. Please can **three** of these times be reading aloud to an adult.

We also recommend for you to read to your child to model excellent reading skills and to share audio books together as well. As children get more confident, they may want to read independently too. The most important thing is to talk about what has been read.

Please see below for a link to good questions to ask your child when reading together.

Helping at Home

Practise:

Spelling tests will take place every Monday. Please support your child by discussing the current week's spelling rules with them and the spellings they are learning. Spelling Shed will have practice games for the weekly rules too.

Here is a list of the 100 words that children in England are expected to be able to spell by the end of year 3/4.

https://cdn.oxfordowl.co.uk/2019/08/29/13/54/08/76f1443d-9b6d-4030-be0d-25fcfef01438/SpellingWordList_Y3-4.pdf

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.

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 are the 8 points on a compass?
- How do you stay safe online?
- What do we use signs for?
- What is electricity?
- What are electric charge, current, voltage, and power, and how are they related?
- Can current flow without a voltage source?
- How does the resistance of a material determine how much electric current flows through it?
- Where do we find electric circuits in our lives?

Watch and Play

Watch the following clips.

<https://www.bbc.co.uk/bitesize/topics/zq99q6fcts>

Look at the guide below on circuits.

<https://www.andythelwell.com/blobz/guide.html>

Read

Please continue to read with your child at home and discuss the characters and the themes in the stories. Please see a collection of useful questions to ask your children when reading via the link below:

https://www.literacysshedblog.com/uploads/1/2/5/7/12572836/ks2_reading_vipers.pdf

Some Recommended Reads:



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 x 3 6	1 x 4 8	1 x 3 6
2 x 1 8	2 x 2 4	2 x 1 8
3 x 1 2	3 x 1 6	3 x 1 2
4 x 9	4 x 1 2	4 x 9
6 x 6	6 x 8	6 x 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

$(b \times h) \div 2$

Area = 36cm^2

Short and long multiplication

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

Ordering and comparing fractions

$\frac{2}{3} \times 4 = \frac{8}{3}$	$\frac{3}{4} \times 3 = \frac{9}{4}$
$\frac{8}{12}$	$\frac{9}{12}$

Simplifying fractions

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

Converting between mixed and improper fractions

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

multiply

Finding prime factors

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

$21 \div 3 = 7$ (multiply by 7)

$7 \times 4 = 28$ (multiply by 4)

21 : 28

DT

Look out for different road signs as you drive about – do you know what each sign means?

Why is each sign designed as it is? What makes them easy to understand?

Could you design some of your own road signs?

Science

Follow the link below to learn about electrical dangers in your home.

<http://www.switchedonkids.org.uk/electrical-safety-in-your-home>

Can you create a poster on electrical safety at home for display at school?

Year 3/4 – Staying Safe

Ideas for Home Learning to Further Support Your Child



Geography

Go for a walk around your local area – what human/physical features can you spot?

Ask an older relative: how has your local area changed in your lifetime?

Carry out a road traffic survey – how many cars use your road at certain points of the day?

Computing

Investigate some of the best child-friendly podcasts you can find.

Some suggestions may be found via the following link:

<https://www.timeout.com/kids/best-podcasts-for-kids-of-all-ages>