



# Year Six Curriculum News Spring 2021



Our Wonderful Wacky World!

## Literacy

We will be:

- Practicing our reading skills such as skimming and scanning and finding evidence to support our opinions
- Writing all about our topic of Kepler-22b, including stories, description, reports and persuasive writing.

Our punctuation focus will be:

- Semi-colons, brackets and dashes, as well as speech punctuation

At home you could:

- Encourage your child to read on their own, then ask tricky questions about what they have read .
- Help your child to learn Year 6 spelling words

## Numeracy

We will be:

- Refining the methods we use to ensure that we choose the 'best method'
- Asking the 'why' rather than the what, having children explain their working
- Developing an understanding of fractions, percentages and decimals.

At home you could:

- Encourage the importance of using the inverse to check work.
- Work on constantly using skills on Math's Whizz.
- Rapid recalling times tables games available at;  
<http://www.arcademics.com/>

## Maths Whizz

Children have all been given access to Math's Whizz which focuses on different topics presenting them with age related questions.

It is important that they access this in short bursts of up to 20 minutes to help improve their application. They can use the 'Tutor' section which generates questions based on their strengths / weaknesses.

## Long Division

$$\begin{array}{r}
 2191 \\
 4 \overline{) 8764} \\
 \underline{8} \phantom{0} \phantom{0} \phantom{0} \\
 07 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{4} \phantom{0} \phantom{0} \phantom{0} \\
 36 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{36} \phantom{0} \phantom{0} \phantom{0} \\
 04 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{4} \phantom{0} \phantom{0} \phantom{0} \\
 0
 \end{array}$$

Whilst completing long division it is important to write down the known facts that helped you. Tutorials to help aid you can be found at;  
<https://www.khanacademy.org/math/arithmetic-home/multiply-divide/multi-digit-div/v/long-division-without-remainder>

## Formal addition and subtraction

789 + 642 becomes

$$\begin{array}{r}
 789 \\
 + 642 \\
 \hline
 1431 \\
 1 \quad 1
 \end{array}$$

Answer: 1431

874 - 523 becomes

$$\begin{array}{r}
 874 \\
 - 523 \\
 \hline
 351
 \end{array}$$

Answer: 351

932 - 457 becomes

$$\begin{array}{r}
 \phantom{8} \phantom{12} \phantom{1} \\
 932 \\
 - 457 \\
 \hline
 475
 \end{array}$$

Answer: 475

We would normally use the 'inverse' which is the opposite in order to check our work. E.g 1431 - 789 = .

## Methods we use in Numeracy

## Long Multiplication

124 × 26 becomes

$$\begin{array}{r}
 \phantom{1} \phantom{2} \\
 124 \\
 \times 26 \\
 \hline
 744 \\
 2480 \\
 \hline
 3224 \\
 1 \quad 1
 \end{array}$$

Answer: 3224

## Science

We will be:

- Learning about animals and their habitats, exploring the unique properties they have.
- Understanding the human body.
- Exploring the connections between humans and other animals.

At home you could:

- Virtual visit the Science museum
- Carry out your own investigations
- Research online.

## ICT

We will be learning about:

- How to input data into spreadsheets.
- How to use formula's to support understanding and lessen workload.
- How to design and apply known skills to real life problems whilst using a spreadsheet.

## Technology

We will be:

- Looking at the impact of unhealthy foods thinking about the eat well plate and positive ways we can improve our lifestyle.

At home you could:

- Make healthy food choices.
- Discuss the impact of foods eaten.

## Geography

We will be:

- Discussing the idea of time lines and how time is different around the world.
- Understanding the sections that the earth is split into.
- Looking at a case study of Human geography.

## Art

We will be creating different pieces of art work including pencil sketches, pastels and clay modelling, focusing on the environment around us, looking at the features we investigate during Geography for inspiration.

## Music

We will be:

- Listening to music by Carole King.
- Learning about the importance of pulse, rhythm and pitch.
- Exploring instruments using these to create our own versions of songs.

## PE

This term in outdoor PE we will be carrying on with invasion games, focusing on Hockey. Our indoor PE will be gymnastics.

At home you could:

- Exercise at the park
- Join a virtual sports club

## RE

We will be:

- Exploring how Jesus' message for the world was spread by the apostles after He went to heaven
- Considering the idea of religious persecution.
- Thinking about Pentecost and how Christians believe that the Holy Spirit helps them to spread the Christian message.

