

Maths Work

Maths can be as fun and practical as you wish! You could practice measuring when cooking or spot different shapes around the house! Time is something you could visit multiple times during the day or practising how to count money is also a great activity to do at home.

An excellent Maths resource is White Rose. This website is currently providing daily lessons which can be accessed using this link below:

<https://whiterosemaths.com/homelearning/>

In addition to this, here are some specific Year 2 targets for you to practice with your children:

- **To know my number bond facts by heart e.g $10+1=10$, $9+1=10$, $8+2=10$ etc.**
- **To be able to count to 100 and back, quickly and accurately.**
- **To read and write numbers up to 100 (including spelling these words)**
- **To be able to count forwards and backwards in tens from any number e.g 3,13,23,33,43,53,63 etc.**
- **To recite and recall all facts in the 2x/5x/10x and 3x tables.**
- **To be able to use column addition and column subtraction confidently (keep answers under 100). If children are confident with this, they can begin learning how to count in tens crossing 100 e.g 90, 100, 110, 120, 130 and so on or 78, 88, 98, 108, 118, 128 etc.**

$$\begin{array}{r} \overset{6}{\cancel{7}} 2 \\ - 56 \\ \hline 16 \end{array} \quad \begin{array}{r} 38 \\ + 93 \\ \hline 131 \\ \hline 1 \end{array}$$

- **To be able to work out simple division questions e.g $20 \div 2 =$ (either using circles or multiplication facts)**
- **To be able to recognise odd and even numbers.**
- **To recall doubles and halves facts up to 20 quickly and fluently.**
- To be able to tell the time to the nearest 5 minutes.
- To be able to identify and know the value of different coins.
- To use different coins to make the same amount.
- To identify and find $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ of shapes, objects and amounts.
- To identify and name 2D shapes (circle, triangle, rectangle, square, pentagon, hexagon and octagon) and talk about how many sides and corners they have.
- To identify and name 3D shapes (cone, cylinder, cube, cuboid, sphere and pyramids) and talk about how many vertices (corners), edges (sides) and faces (name of any 2D shape side) they have.
- To use maths words to describe position, direction and movement including movement in a straight line (clockwise, anti-clockwise, $\frac{1}{4}$ turn, $\frac{1}{2}$ turn and $\frac{3}{4}$ turn).

Please remember to look at the hand out in the homework book which shows the strategies the children have been taught. Year 2 are in a fortunate position – all the content above has been taught so the children should have a level of familiarity of **all** the targets above.

Additional fluency websites which your children may be interested in are listed below:

Times tables Rockstars: <https://trockstars.com/>

Numberblocks: Tv programme to help with early maths skills:
<https://www.bbc.co.uk/cbeebies/shows/numberblocks>

Sumdog: <https://pages.sumdog.com/>

Number Bonds and Times tables: <https://www.topmarks.co.uk/maths-games/hit-the-button>

Writing / Topic Work

Our topic next term would have been Intrepid Explorers. Choose at least three different explorers and find out some information about them and why they are still remembered today.

Some writing activities which you could do include:

- Lost/ found/ reward poster for an explorer.
- Factfile about an explorer.
- Compare two different explorers – what are the similarities and differences between them/ historical period in which they were alive?
- Write your own adventure story – you could even make it into a story book with different pictures on each page. I would love to make this into a display when you come back!
- Write a diary entry in the role of that explorer discovering or travelling to another part of the world.

When writing please remember to include:

- **Capital letters** (for proper nouns as well as at the beginning of sentences), **full stops** and **finger spaces**.
- **Neat** pre- cursive script (remember we are not joining yet!)
- All sentences must flow in a **paragraph** and make **sense**.
- Use **conjunctions** such as because, when, so, but and if to join sentences.
- **Begin sentences in different ways** to ensure that the reader is engaged.
- **Spell high frequency words** as accurately as you can. Use phonics to spell trickier words (a phonics mat is now available on the website)
- Use interesting vocabulary (words). Try to use **WOW verbs** and **adjectives** e.g sprint instead of ran or the crystal, clear waters instead of the blue sea.

You are free to choose your explorers. If you are not sure who to research, here are some suggestions to help you: Amelia Earhart (female pilot), Wright brothers (invention of the aeroplane), Christopher Columbus (male explorer), Neil Armstrong (male astronaut), Laura Dekker (female sailor) or Junko Tabei (female climber). Remember you can research as many people as you want!

Additional Topic Activities:

- Joe Wicks workout –streamed live through Youtube every day at 9am.
- Keep a diary of a plant which you have grown/ flower that has blossomed in your garden.
- Research the artist Monet https://kids.kiddle.co/Claude_Monet - can you re-create one of his pictures?
- Can you build a vehicle out of materials in your house e.g sticks, lego or cardboard.
- Science (plants): <https://www.bbc.co.uk/bitesize/topics/zpxnyrd>
- ICT (coding): <https://turtleacademy.com/>
- Do something kind everyday e.g give a compliment to someone, draw a picture / write a letter to an elderly person or a key worker. every day.

- Do something helpful every day e.g help with the washing up, make your bed, say please and thank you.

Collins Resources: <https://connect.collins.co.uk/school/teacherlogin.aspx>

- Music Express: Click on Music Express/ Year 2/ Lesson Bank – then access the videos you wish to watch
- Science: Click on Science / Teach / Year 2/ The apprentice gardener – there may be some activities which you may find useful.

USERNAME: **parent@deanwood.medway.sch.uk** Password: **P@55word** (this is the same as the Big Cat reading books)

Please note you have full access to all the resources including the Science and the Maths.

In addition to this, Hamilton are providing daily English and Maths lessons:

- https://www.hamilton-trust.org.uk/blog/learning-home-packs/?gclid=EAIaIQobChMI6-SlkarH6AIVw4XVCh0MKwThEAAYASAAEgIg7_D_BwE

Twinkl also has a variety of resources. You will need to sign up, but the code **CVDTWINKLHELPS** will give you free access to their resources. This website is packed with activities, however, to make it simpler they have created a specific area for work during this special period of time. To access it select the home learning tab, followed by the school closure tab. Here you will find a home routine area, health and well-being and a home learning area. These are split into Early Years (Year R), Years 1 and 2 and Year 3 to Year 6. You will find specific Maths, English, Science, craft and independent activities that the children can do.

- www.twinkl.co.uk