

Year 4 Summer Term

I hope that you all had a good Easter Break and managed to stay safe and well! Last term was a very unusual one and most of you did yourselves super proud with all of your online learning. Please make sure you complete your learning as independently as possible to help you to learn. Any questions you have you can just e-mail me using purple mash. The summer term is generally about modern technology and robots. I generally try to make it fun and link it to the Star Wars films to inspire imagination, creativity and investigation. However, you don't have to have seen the films to carry out the activities.

I will set weekly tasks for English using Purple Mash throughout the term such as:

- Write a funny rhyming poem to cheer up a friend.
- Have a go at writing a biography of a famous scientist or inventor linked with robots.
- Write instructions for how to make your robot.
- Write an explanation text about your robot design and what it is for? How it will improve people's lives.
- Write a film and book review.
- Write a non-fiction page about a film character.
- Write a story set on another planet.
- It is vital that you keep up the reading at least 4 times a week to an adult to help build on your reading comprehension, fluency and expression. Discuss stories as a family, what the character's motives might be and what you think might happen next. Free reading e-books are available online at <https://www.oxfordowl.co.uk/> and if you have a library card you can borrow books through an app <https://www.overdrive.com/apps/libby/> We normally study Ted Hughes as the significant author this term. Perhaps you could take out the book and read it at home, his use of language, particularly metaphors and similes is fantastic!

Useful games are available such as: <https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar>

<http://www.ictgames.co.uk/literacy.html>

<https://www.bbc.co.uk/bitesize/subjects/zv48q6f>

Maths is a harder one to teach over the internet and I will try to attach the key coverage for the year. I will set weekly tasks for maths on Purple Mash. These are in differentiated groups so your child will be given tasks appropriate to their level. However please e-mail me if there are any problems. To begin make sure you can name 2D and 3D shapes, know all of your times tables by heart and out of order. Practise number bonds to 100 at **speed** eg $47+2=100$, Make sure you can add/take away confidently using columns and tell the time. New learning will be learning to use decimals, solving 2 step word problems and multiplying and dividing larger numbers when your child is ready.

Useful games and online lessons are available such as: <https://www.bbc.co.uk/bitesize/subjects/z826n39>

<https://mathsframe.co.uk/en/resources/category/22/most-popular>

<https://www.topmarks.co.uk/maths-games/hit-the-button>

<https://www.topmarks.co.uk/maths-games/7-11-years/problem-solving>

<http://primaryhomeworkhelp.co.uk/maths/measures.htm>

Science- In science we would usually be planning, designing, conducting and drawing conclusions about experiments based on electricity and then sound. We can explore sound for the first half of term and hope that we are back for electricity as this works best exploring the equipment but if we can't do that there are some brilliant websites with some experiments you can do at home!

<https://www.bbc.co.uk/bitesize/topics/zqffr82>

https://www.outstandingscience.co.uk/index.php?action=view_page&page=view_unit&unit=4d

<https://www.youtube.com/watch?v=722hZLp5KaM>

Also we would usually to complete our unit on solids liquids and gasses. Explore at home (with an adult's permission) as much as possible whether solids dissolve in liquids, which ones dissolve completely, experiment whether they dissolve quicker in warm water or cold? Make a prediction. What happens when you mix 2 liquids such as oil and water? Cool experiments involving reactions such as the volcanoes experiment and lava lamp?

<https://www.bbc.co.uk/bitesize/topics/zcvv4wx/articles/zpbdpbk>

In Computing, we will be developing our coding skills to build a Star Wars game of our own using programming blocks similar to Scratch. Visit the website <https://hourofcode.com/uk> to learn how to program droids! Perhaps you could develop your own game making skills in purple mash too.

In History you can study the history of robots, and how their development has changed society.

Art and Design. Design and make your own robots, practise technical drawing and explore pneumatics and hydraulic systems in robots. Study the artist Eric joiner and have a go at creating your own artwork in his style (Can you hide a doughnut in yours?) Have a go at drawing Yoda with <https://www.youtube.com/watch?v=iFlD9r3IUWM> or painting Dagobah (his home). I use 94 minutes of Dogobah. <https://www.youtube.com/watch?v=FVjOulRNuPk>

PSHE- The Jedi's perseverance vs the Dark side! Discuss with your family the ethics of having robots carry out the jobs of people, and exploring the pros and cons of robots becoming more human. Explore ways of being a good friend and helping one another to be happy during difficult times. Perhaps write to a different friend each week or send them a message to lift their spirits? How can we build on friendships we have?

MFL- songs to keep learning Spanish: keep practising numbers to 30 on

<https://www.youtube.com/watch?v=L26jwqF9Zro> , days of the week on

<https://www.youtube.com/watch?v=C4fREj60Crk> months of the year

<https://www.youtube.com/watch?v=IKznbHvPFwc> and colours <https://www.youtube.com/watch?v=zpLQSdu4V94>

<https://www.youtube.com/watch?v=ldF4o3jc07A>

We were going to move on to learn the names of animals in Spanish this term. Can you have a conversation with your family introducing your name, asking how you family members are, when their birthday is and if they have a pet? Duo lingo is a great free app to learn too ☺

In R.E. we will learn about Hinduism. Visit <https://www.bbc.co.uk/bitesize/topics/zh86n39/articles/zmpp92p> for some fun clips and activities about Hinduism. And <https://www.youtube.com/watch?v=Y9yWwFWpbRo> for the story of creation.

Music- each week perhaps you could choose a different decade to listen to music from. Perhaps start with the 2020s and work backwards. Learn about a famous artist for each decade in detail.

PE- Take a look at Joe Wicks morning workouts to get your heartrate up first thing each morning. We are still permitted our 1 hour of daily exercise (at the time of writing this) so be sure to go for a stroll or a walk when possible. Cosmic yoga is a great website for more relaxing, calming and mindful movements for all the family (unless Mum and Dad want to watch with a cup of teal). Alternatively if you are feeling brave, perhaps you could record yourself learning a dance as a family!

I hope that you all stay super safe and that this gives you some stating points through the term. I will be posting these activities weekly with more detailed instructions each week but please stay in touch and let me know how I can help you all further.

Kind regards,

Mrs Russell.