

All Children's logins for Purple Mash and MyMaths are in their reading record.

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Purple Mash Tips:

- * Some 2do's on Purple Mash will not say completed as some let you have another practise to see if you can improve your score. Teachers still see them.
- * If your teacher asks you to redo a task you'll find it towards the bottom of the todo list with a comment and a play again button.
- * To access your class blog, click the sharing button on PM then the 'shared blogs tab'. You will then see year 2s blog. Click on any blog title to read, and feel free to comment in the comment box- we look forward to hearing from you.

Maths

My Maths:

Complete one lesson a day.

MyMaths:

This week we will be continuing to look at Geometry, there are 4 lessons on MyMaths to complete in the homework section.

They are: Nets of 3d shapes, Translation of shapes, Reflection of shapes and Enlarging shapes.

You need to complete the lesson tutorial before you complete the homework activity. It is clear from some of the scores that some of you are just attempting the activity without the learning first.

The other activity we would like you to try this week is on the BBC bitesize KS2 website and it is the Weekly maths challenge.

<https://www.bbc.co.uk/bitesize/articles/zhvx6v4>

There are also other maths lessons you can try as well - enjoy!



English

Reading:

Login to Purple Mash and complete activities daily for this week's book - A Tiger's Path

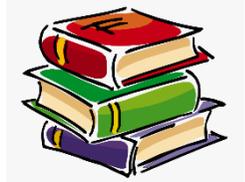
- Read the text and answer the comprehension questions. You will find them on Purple Mash in your 2dos.

BBC bitesize reading lesson: To be a Cat by Matt Haig

Using the novel To Be a Cat you will learn about selecting key pieces of information from a text and evaluating the text while giving a personal opinion. <https://www.bbc.co.uk/bitesize/articles/zbkbgwx>

Read a 'book for pleasure' for a minimum of 30 minutes a day. You may wish to build your own reading den to curl up and enjoy your choice of book which may be fiction, non-fiction, poetry or a magazine/comic.

- Please continue to enjoy books for pleasure, you may wish to write your own book review. Oxford Owl also offers a range of books children can read online.



Daily Arithmetic:

- Complete the daily arithmetic sheet and then check your answers.

Times Table Rock Stars:

Spend 30 minutes a day practising

Can you beat your best score and make your way up the leader board? Maybe challenge another Y6 child and look out for battles.

Purple Mash:

Login and regularly complete any allocated 2dos

- There are no 2dos this week, but you could look at using some of the relevant maths games and resources.

Grammar, Punctuation and Spelling:

- Understanding verbs and modal verbs:
<https://www.bbc.co.uk/bitesize/articles/z4y492p>
- Using active and passive voice:
<https://www.bbc.co.uk/bitesize/articles/zbngrj6>
- There is also a Grammar activity linked to your writing task.

Spend 10 minutes a day practising a selection of words from the spelling lists.

- Spelling lists have been sent home, please continue to practise using a variety of ways as shown in your spelling homework book.

Grammar games can also be found on Purple Mash by clicking on English, Grammar, Soaring Eagles.

Writing:

Complete this week's writing task - About to hatch...

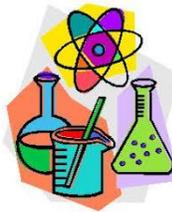
- You could complete this on a word document, in your jotter or on paper.

On-going Writing

Keep a diary of what is happening in the world right now and how you spend your days.

Science

- Calling all scientists! It is time for The Leakproof Bag Challenge!(activity is below)
Remember to think carefully about where you carry out this experiment, we don't want any flooded houses! Impress your family. How many pencils will your bag hold?
- Thomas Eddison - On your weekly learning grid it asks you to research Thomas Eddison and produce a report. We have set a todo on purple mash to allow you to hand the report in to be marked. Remember to include key facts and summarise your ideas



Geography Sao Paulo, South America

Recap: you should now know about South America as a whole - the countries, capital cities, geographical and historical features etc.

This week: using the information you have gathered; it is your turn to be the teacher! Your task is to design a lesson to teach someone else in your house about the geographical facts you have learned about South America.

- Use PowerPoint or similar or use the map you have drawn as a focus to show and talk about where each of the key geographical/historical features are.
- Focus on an area you have found interesting and teach someone else about this feature, explaining why it is of particular interest. Look at **BBC Bitesize KS2** for information about the Galapagos Islands - you might want to focus on these islands off the coast of South America

<https://www.bbc.co.uk/bitesize/topics/z3fyedm/articles/zk9cxyc>

Example of a typical day:

My Maths	Times Table Rock Stars Practise	Break	English Purple mash Reading text and related activities for that chapter.	Spelling practise	Lunch	Physical activity e.g. games in the garden, yoga, strength exercises	Choose an activity from the broader curriculum grid.	Read a book for pleasure	Watch Newsround (live on TV or visit https://www.bbc.co.uk/newsround)
			Writing task.			See Mr Cook's PE home learning			

Broader Curriculum Home Learning Grid

Science Geography	Computing	PE	Art/DT	Music	PSHCE	Wild Card
Create your own shadow puppet show - think carefully about how shadows are created.	Create a word document about Sao Paulo. Include different fonts, word art, images, pictures, borders, underline headings etc.....	Make up a dance and perform it to your family - who else can you get to join in?	Produce a piece of artwork inspired by a famous artist.	Ask an adult or older sibling to introduce you to a song or musician you have never heard before.	Write a 'Happiness is.....' list poem.	Design a make a board game or just play board games you have at home.
Create a floor plan map of a room in your house - remember to include a key.	Coding on Purple Mash.	Design your own indoor circuit routine.	Use a photograph of yourself/family to create a portrait drawing.	Write and perform your own song.	Choose a Mindful Monday activity.	Help an adult cook or bake something.
Research a country of your choice: Location Language - learn a few words. Capital City Religion Foods Culture	Create a piece of digital art - can you pin it on the year 6 noticeboard?	How many times can you throw and catch a ball within a minute using 2 hands/using 1 hand. Throw the ball in the air or against the wall. Can you beat your score every day.	Pencil Sketch. Choose an object or a picture to copy - keep it simple. Repeat the sketch making sure you improve at least one aspect of it, repeat again making further improvements.	Research popular children's songs in other countries.	Do some mindfulness colouring.	Make and decorate paper aeroplanes and see who can fly theirs the furthest.
Research Thomas Eddison- what can you find out about him? Produce a powerpoint/ word document or hand drawn poster to present your findings.				Listen to some classical music.	Roll a positive question. ELSA download.	Complete the Lego challenge.

- Find out all about going to Secondary School, it may answer some of your questions at <https://www.bbc.co.uk/bitesize/articles/zj2grj6>
- Light and Dark topic resources: <https://www.bbc.co.uk/bitesize/topics/zbssgk7>
- General Geography resources: <https://www.bbc.co.uk/bitesize/subjects/zbkw2hv>
- PSHE and Citizenship resources: <https://www.bbc.co.uk/bitesize/subjects/zqtnvcw>
- Learn about the different types of settlements including a hamlet, a village, a town and a city: <https://www.bbc.co.uk/bitesize/articles/zrkx6v4>
- Or maybe you 'd like to enjoy learning about singing with feeling <https://www.bbc.co.uk/bitesize/articles/zkx3bdm>

- Or if you would to learn some language skills...
 - Welsh as a second language <https://www.bbc.co.uk/bitesize/subjects/zw9wy4j>
 - Spanish <https://www.bbc.co.uk/bitesize/subjects/zxsvr82>
 - German <https://www.bbc.co.uk/bitesize/subjects/zg8jmp3>
 - Italian <https://www.bbc.co.uk/bitesize/subjects/z9qmhyC>
 - French <https://www.bbc.co.uk/bitesize/subjects/z39d7ty>
 - Mandarin <https://www.bbc.co.uk/bitesize/subjects/zsbc87h>

Our Science task this week:

The Leakproof Bag

You will need:

- Sharpened pencils or skewers
- A sealable bag
- Water

1. Make sure your pencils are sharp before you begin.
2. Fill three quarters of your bag with water and seal it.
3. Holding the top of the bag with one hand, use the other hand to push a pencil right through to the other side. Like magic, there are no leaks!
4. Repeat with several pencils – making sure they are pushed through in different places on the bag.

Test how many pencils your bag can hold!

Do pencils with flat or round edges work best?

Try different thicknesses of bag to see which works best.



THE SCIENCE

The Science for this one is quite complicated! The bag is made out of a polymer which has lots of molecules attached together in long chains (think strands of cooked spaghetti!). The tip of the pencil can easily push apart the flexible strands of spaghetti but the strands' flexible property helps to form a temporary seal against the edge of the pencil. When the pencil is removed, the hole in the plastic bag remains because the molecules were pushed aside permanently and the water leaks out.

@MrsBpriSTEM

Year 6 are you up for the challenge? How many can you build?

Good luck and happy constructing!

30 Day LEGO Building Challenge

Build a
Roller
Coaster
1

Build A
Town
2

BUILD A
ROCKET SHIP
3

Build the
world's tallest
tower
4

Build An
Airplane
5

BUILD THE
PERFECT
PIZZA
6

Build a
ROBOT
7

Build a
Boat That
Floats
8

BUILD A
CASTLE
9

Build a
horse
10

BUILD A
MAZE
11

Build a
Picture
Frame
12

Build A
Train
13

Build A
Venus Fly
Trap
14

Build a
Unicorn
15

Build a
Pirate
Ship
16

Build A Scene
From Your Favorite
Book
17

Build An Ice
Cream Truck
18

BUILD A DOG
HOUSE
19

Build A
Flying
Saucer
20

BUILD A
SPORTS
ARENA
21

Build A
Water
Park
22

Build A
Shark
23

Build a
Bridge
24

BUILD A TREE
HOUSE
25

Build Your Name
With Bricks
26

Build A
Dragon
27

Build A
Historical
Scene
28

Build A
Monster
29

Build an
instrument
30