



St Mary's Catholic Primary School

Home Learning Grid ~ Year 5

WEEKLY

This home learning is ongoing and it is very important that it is completed regularly.

Reading:

Children should be reading for at least 20 minutes a night. Reading does not have to be from school books but from any text that is of interest. None of us are too old to be read to either. Sharing of stories and other texts is still important, as is discussing the pictures, text, plot and vocabulary choices.

Please see the reading leaflet (which can be found on the Y5 website page) for questioning ideas.

Spelling:

Year 5 spellings will be mainly set on Spelling Shed or on a look, say, cover, check grid but other strategies can be used to support the learning of these spellings. Please see the spelling strategies sheet. Knowledge of these will be assessed in context within pupils' daily writing and sometimes with a spelling test.

Maths:

Pupils must learn all multiplication tables. It is important that they recite the whole number sentence (e.g. $6 \times 5 = 30$) when learning so that they know them out of order and can work out division facts too e.g.

If $8 \times 5 = 40$ then $5 \times 8 = 40$, $40 \div 8 = 5$ and $40 \div 5 = 8$

Regular MyMaths tasks will also be set.

TERMLY

Please try to complete at least 3 of the following activities over the course of this term. You may decide how you will respond to the tasks set; some may be presented using a computer, others may take the form of a piece of art, 3D art, textile work ... the possibilities are endless. Each activity should be handed in as soon as it is completed.

Make a list of foods that change state when heated or cooled, such as eggs, water, butter and chocolate. Plan and make an 'alchemist's banquet' for your family and include foods from your list.

Describe the scientific changes that take place in each of the dishes at your alchemist's banquet.

Term 4: Alchemy Island



Combine art and science to make an astonishing and unique gemstone! Experiment with materials such as wax, resin, plaster and jelly!



Find out what job is done by an Assay Office. Write a report using the appropriate features.



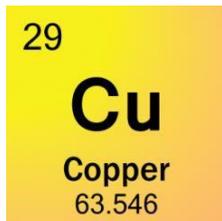
Find out about - and watch - films that show portals to other worlds, such as 'Harry Potter' and 'Star Trek'.



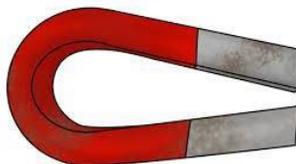
Read one of the portal stories from the suggested book list. Write a book review for the class.



Find out the atomic numbers and symbols for metals, such as lead, copper, silver, zinc, iron and platinum.



Use a magnet to test the magnetic properties of metals around the home and record your discoveries in a data table.



Find out if your family owns anything made of gold or another precious metal or gemstone. What can you find out about where it came from?

