




October 2019

Dear Parents
Year 3 Term 1 Home Learning Project Work

prospectus



Ideas to develop your creativity:

- ◆ Build your own Pyramid.
- ◆ Design your own tomb.
- ◆ Draw a poster to advertise your own movie in the style of Indiana Jones and the Temple of Doom.

Ideas to explore your mathematical skills:


- ◆ Find how long different Pharaohs reigned for — using subtraction.
- ◆ How much would it cost to visit Cairo and see the Valley of the Kings — Make a travel brochure to sell this experience.

This half term's POWER Project is:

Be an Explorer

Try your hand at archaeology!

HAND IN BY: Monday 10th Dec



Ideas to extend your research skills:

- ◆ Create your own artefact, which was discovered by you, the new FAMOUS archaeologist.

Ideas to explore your locality:

- ◆ The Nile runs through Egypt, What rivers run through _____? - Find as many facts as you can about them.

Choose projects to achieve your

5 POWER Points.

You can add with your own ideas too! *Tick off what you have completed to achieve your points*

Maths Quest – Year 3

Tomb Raiders



Number Challenges

Challenge the children with a 'Triangular Number Sequence' (set in the context of pyramids) e.g. 1, 3, 6, 10 – what are the next 6 numbers in the sequence and create a poster to describe the pattern

The River Nile is approximately 6695km. Round this to the nearest 1000? 100? 10?

The Great Pyramid is 479 feet high. Round this to the nearest 100? 10?

Movement and Position Challenges

Display images of pyramids – highlight right angles and angles more or less than right angles. Extend to highlighting parallel and perpendicular lines.

Design a map of the inside of a Pyramid including quarter, half and full turns to reach treasure or a hidden tomb!

Calculation Challenges

Pyramids could take 20 years to be built. How long would it take it build 15 pyramids?

It takes around 70 days to mummify a body. How many weeks is this? How many hours is this?

Tutankhamen reigned from around BC 1332 – BC 1323, how long was this?

Tutankhamen's tomb was found in 1922, how long ago was this?

Measurement Challenges

How far is Egypt from the UK?

How long is the River Nile in km? Can you convert this in to metres? What about cm?

Create a perimeter security fence around Egyptian pyramids – challenge the children to calculate the length.

Fraction Challenges

A stone block for a pyramid weighs around $2\frac{1}{2}$ tonnes. How heavy are 6 blocks? 10 blocks? 25 blocks?

The Ancient Pyramid of Giza is about 150 metres tall. What is $\frac{1}{4}$ of this height?

Data Challenges

Class to create an Egyptian God – what the God represents. Favourite design – children to use a bar chart to display the class favourite design.

Scaffold questions for the children to interpret the data:

How many more children? How many fewer? Etc.

Shape Challenges

How many lines of symmetry does an equilateral triangle have? What about an isosceles triangle? Scalene?

How many faces does a square based pyramid have? Edges? Vertices? Explore a triangular based pyramid and summarise the key differences.

A square based pyramid has 36 blocks in each triangular face. How many blocks will it have over all four triangular faces?