

Picasso Class Home Learning Grid: Autumn A - 2019

Learning Intention: Maths Challenge

The number 747 can be formed by adding a 3-digit number with its reversal: $621 + 126 = 747$, for example.

Can you find the other two ways of making 747 in this way?

$$\begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline 747 \end{array} \quad \begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline 747 \end{array}$$

Which other numbers between 700 and 800 can be formed from a number plus its reversal?

There are more than 5 different ways. Find at least another two.

Learning Intention: To write a book review in 100 words - or as close to!

It can be on a book you have read over the summer holidays or during this term.

Helpful hints when writing a book review:

- Start with a couple of sentences describing what the book is about but without giving any spoilers or revealing plot twists!
- Discuss what you particularly liked about the book - characters, favourite part and how it made you feel.
- Mention anything you disliked about the book.
- Summarise some of your thoughts on the book by suggesting the type of reader you'd recommend the book to. Are there any books or series you would compare it to?
- You can give the book a rating, for example a mark out of ten or a star rating!

Is anybody out there?

Year 6 Expectation

Each week the children will be expected to:

- Learn and practise the current spelling rule.
- Read every night (at least 20 mins)
- Complete one home learning task (to the **same standard of work produced in school**)
- Practise and learn times tables (up to 12x) and number bonds to 1 (numbers up to 3 decimal places: e.g. $0.497 + 0.503$).

Please write the learning intention and date at the top of the page, so that I can see which task you have completed.

Parents' role:

Please could you:

- Sign the home learning each week on completion.
- Let me know if they struggled with any of the tasks.
- Indicate if they spent the time on the task, but couldn't complete it.
- Let me know if there is a genuine reason why the homework was not completed.
- Support and encourage, but avoid 'doing' the homework for them!

Internet Access

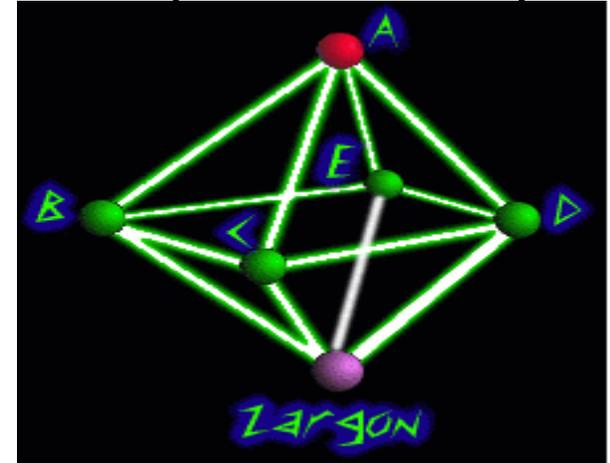
The children can use the laptops at school any break time, if they are having problems gaining access to the internet at home.

Learning Intention: Create a Moon Diary.

Look at the moon every night for 7 nights in a row. Draw and take observation notes as to what it looks like on each night. Complete the task by researching and labelling the name for the phase of the moon that you see.

Learning Intention: Problem solving

In the planet system of Octa the planets are arranged in the shape of an octahedron. The major space routes follow the edges of this shape. How many different routes could be taken to get from Planet A to Planet Zargon, without visiting any planet more than once? Record all the routes - example A, D, Zargon 28 routes found is the record so far!



Learning Intention: Solar System Creation!

Our solar system has eight known planets, which all orbit the Sun. Your task is to create a model/mobile using a media of your choice for display in class. Please ensure the planets are in order of their distance from the Sun. If you require any help with resources to complete this task please ask Mrs Jackson.