

Monday 11th January

Learning Objectives:

Writing in Role - Exploring relationships, getting inside a character	Problem solving involving multiplication	Science: Describe the movement of the Earth, and other planets, relative to the Sun in the Solar System
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Spelling

Mrs Evans' group - aggressive, apparent, average

Mrs Tweddle's group - group, guard, guide

Please practise your spellings during the week both as individual words and as part of a sentence. I will test you on zoom on Friday! (Don't worry I won't make you share your results).

English

Read chapter 8 'fathers have children' and the first two paragraphs of chapter 9 ' You'll like it when you get there' (or the chapter summary).

What do we already know about the character of Florida? (Chapter 5 gives us the most information so you might want to have a quick look back)

What do we think we know?

Complete the 'double bubble' sheet to compare and contrast the two characters.

What are their unique qualities and what do they share?

Think about how Liam uses their similarities to persuade Florida to go along with his plan.

Extension: As Liam cannot speak to Florida compose an email in role as Liam to talk her into speaking to him again and to 'coax her' into agreeing to his idea

Before tomorrow's lesson read the rest of chapter 9 or the summary.

Maths

Mental Starter:

Here are three number cards.

21

42

38

Dora, Annie and Eva choose one of the number cards each.

They multiply their number by 5

Dora says,



I did 40×5 and then subtracted 2 lots of five.

Annie says,

I multiplied my number by 10 and then divided 210 by 2



Eva says,



I halved my 2-digit number and doubled 5 so I calculated 21×10

Which number card did each child have?
Would you have used a different method to multiply the numbers by 5?

Look at the problem below:

19

Layla makes jewellery to sell at a school fair.

Each bracelet has 10 beads.

She makes 7 bracelets.



Each necklace has 15 beads.

She makes 6 necklaces.

How many beads does Layla use altogether?

Show
your
method

beads

Work through the photographs to see how to solve it:

19 Layla makes jewellery to sell at a school fair.

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She makes 7 bracelets.

Each necklace has 15 beads.
She makes 6 necklaces.

How many beads does Layla use altogether?

$$\begin{array}{r} T1 \\ 10 \\ \times 7 \\ \hline 70 \end{array}$$

Show your method

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Show your method

$$\begin{array}{r} T1 \\ 15 \\ \times 6 \\ \hline 90 \\ 3 \end{array}$$

beads

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How many beads does Layla use altogether?

$$\begin{array}{r} T1 \\ 10 \\ \times 7 \\ \hline 70 \end{array}$$

Show your method

$$\begin{array}{r} T1 \\ 15 \\ \times 6 \\ \hline 90 \\ 3 \end{array}$$

$$\begin{array}{r} HT1 \\ 70 \\ + 90 \\ \hline 160 \end{array}$$

160 beads

I have adapted the problem using different numbers.

choose one (or two) to complete by yourself.

There are four sheets labelled green, orange, red and blue increasing in levels of difficulty.

Extension: Either complete the word problem sheet or create a poster to explain to a younger child how to do column multiplication.

Science

Explore some of the websites below to familiarise yourself with the planets in our solar system. You need to be able to name the planets and put them in order in distance from the sun. Anything other facts such as size etc would be a bonus.

<http://nineplanets.org/tour/>

<http://solarsystem.nasa.gov/planets/>

<http://spaceplace.nasa.gov/menu/solar-system/>

<http://www.amnh.org/explore/ology/astronomy/planetary-mysteries>

<http://planetfacts.org/size-of-planets-in-order/>

Once you've had a chance to have a look at the websites you can either:

1. Complete the factsheet
2. Make some fact cards of the planets. You don't have to do all nine! But aim for two at least. I have saved these as a PDF and a words document in case you would like to complete them on the computer.

Tomorrow you will be using Art/ DT to create your own model of the Solar System!