Key Stage Two Distance Learning Week Beginning 20th April

Maths

Poldark- Learning Objectives

I am aiming to count on and back in steps of 50 and 100.

Levant – Learning Objectives

I am aiming to count on and back in steps of 25 and 1000

**Number Fluency for Poldark and Levant**

Choose any 2 digit number, together count on from that number in 100s. Eg. 78 178 278 etc

Repeat for different 2 digit numbers and then 3 digit numbers. The important concept for your child to grasp is the H place value column will be increasing by one each time, but the T and O will remain unchanged. Relate this if 100 one in the H column, 0 in the T and 0 in the Ones.

Show the sequence 4, 54, 104, 154. What same number has been added each time to create this sequence? Continue by writing the next 3 numbers within the sequence.

Repeat with other sequences adding 50 each time.

Levant continue this theme adding 1000 to any given number

**Applying Learning and understanding**

Poldark and Levant- Counting in Steps of 100 sheet one

Poldark- Counting in steps of 100 and 50 sheet 2

Levant- Counting on and back in steps of 25 and 1000. Sheet 3

This learning and understanding can also be reinforced through games such as ping-pong, or throwing and catching a ball counting in 25s , 50s, 100s or 1000s for each catch/bat.

Poldark- Learning Objectives

I am aiming to work out the rule for a sequence

**Poldark number fluency**

* Show the first three numbers of a sequence: 28, 24, 20.

Children describe and continue sequence for next 3 numbers

* Note how sequences can decrease as well as increase.
* Show a sequence starting 32, 36, 40

Children describe and continue to sequence for next 3 numbers.

* children create increasing and decreasing sequences for their partner at home to write the rule and the next three numbers. Ensure they are confident with decreasing sequences as well as increasing.
* Now display the sequence: 2, 4, 8, 16.
* *Can they describe the rule and write the next three numbers?* (doubling; 32, 64, 128)

Poldark **Applying Learning and understanding**

What’s the pattern? Sheet 1 or 2 ( 1 is slightly easier sequences)

Levant- Learning Objectives

I am aiming to learn the history of zero and place value

I am aiming to recognise and use Roman numerals to 100

**Levant Number Fluency**

* Display numerals 0 to 9. Point out how these numerals can be used to write any number that we can think of, from numbers with a few digits to numbers with lots of digits.
* Show a picture of a clock with Roman numerals (*see resources)* . Explain that all numbers used to be written like this. Notice how 4 (one less than 5), 9 (one less than 10), 11 (one more than 10), and 12 (two more than 10) are written.
* Challenge children to work out how to write 13 to 18.
* Explain that 20 is written as XX. *How do you think we might write 19? 21? 25?*
* Together, write the multiples of 10 from X to C, explaining that L is the symbol for 50, while C represents 100. (resource sheet available to help parents)
* Ask children if they have seen these symbols anywhere else, e.g. at the end of TV programmes/films, or elsewhere, e.g.

**Levant Applying Learning and Understanding**

Roman numerals to 100 Sheet 3

Also encourage children to observe in everyday life where Roman Numerals are used.

Remember on going daily maths fluency too:

Telling and using the time

Learning number bonds

Learning multiplication tables and division facts

Counting on and back in any number ( y5 and y6 this could include decimals)