W/C 18.5.20   Year Two Home Learning

Maths focus for the week

- Use the inverse relationship between addition and subtraction to solve missing number problems

In Maths this week I would like your child to build upon their knowledge of addition and subtraction to help them solve missing number sentences.

We have learnt all about inverse operations at school:

If we know that 10 + 4 = 14

then 14 − 4 = 10 or 14 − 10 = 4

Sometimes we are given number sentences with missing gaps:

6 + ___ = 15

We can work out the answer by making a calculation with the inverse operation using the numbers we have got:

15 − 6 = ___

This is much easier to work out. You can use any method that you know to work it out.

15 − 6 = 9

You can then revisit your original question and apply what you know:

6 + 9 = 15

15 − 6 = 9

We sometimes talk about the **inverse** being the **opposite** operation to the one we are looking at.

For example, addition is the opposite of subtraction and multiplication is the opposite of division.

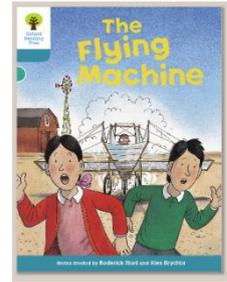We can create an inverse number sentence by swapping the numbers around.

Remember:

The largest number always comes at the end in an addition number sentence.

The largest number always comes at the beginning in a subtraction number sentence.

I have attached a suggestion of some missing number sentences which you may use. Please pick between 5 or 10 at a time and write them larger on a board or onto paper for your child to work through. Encourage your child to write them into a book and not on the sheet as this will allow them to show how they worked it out using the inverse operation.

Literacy

Literacy this week is going to be based on a book called **'The Flying Machine'**

All children can have access to this free e book online. I have created a class log in via the Oxford Owl website which gives us access to a free library. I will be using these to help focus our work each week so we are all accessing the same stories.

Please use the link: https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/

Click on 'My Class Log in' and sign in using:

Username: HighBickington

Password: ClassTwo

Click on 'My bookshelf' and in the top right tool bar type in the books for the week. You will then see the book on the self. Click it to read. You can zoom into the text to enlarge it if you need to.

Activities based on The Flying Machine:

- Read the book to an adult and discuss what is happening in the story. Try to use different voices for the characters. Re-read the story for fluency.
- When you have read the eBook complete Activity 1 the comprehension task, which is located above the book. This will test your understanding of the story.
- Then complete Activity 2 to complete the missing sentences using the correct words.
- Think about the flying machine in the story and how it may have been invented.
- Design a flying machine of your own. Let your imagination run wild! Use the inventor's paper attached to the email to draw your design using a diagram and label it clearly.
- If you have any craft materials, clay, Playdoh, Plastercine or construction make a model of your flying machine and photograph it.
- Write instructions on how to use your flying machine.
- Use time adverbials to order your instructions **First, Second, Third, Next, Then, After that, Finally**
- Write an invention description to advertise your machine to other people. Imagine it is going to feature in a magazine, on the telly or in a newspaper.

Spelling:

Keep practising your common exception word spellings. These are words which you should eventually know off by heart and they will really help you in your writing.

Remember – Use your interests to create your own projects as well including practising musical instruments, art, building, cooking etc. Continue to enjoy spending time together and don't forget to exercise, it's great for your mental health ☺

The activities suggested can be adapted in any way you see fit and should help to provide some structure to the day.