

Pocket money

If you got £1 pocket money in the first week and £2 in the next and it kept doubling each week and you didn't spend any, how long would it take for you to become a millionaire?

Starting tip: Week 2 you would have £3 (£1 + £2)

Self portrait

Use a mirror and draw a self portrait. Really look closely at the shape of your face, the shape of your eyes and eyebrows and the outline of your lips. Take your time and draw really accurately.

Around the edge of your self portrait draw smaller images of things that are really important to you in your life, this could be family, friends, pets, activities you do, things you have done.

Puzzle

A farmer has to get a fox, a chicken and sack of corn across a river. He has a boat which carries him and one other thing.

If the fox and the chicken are left together, the fox will eat the chicken.

If the chicken and the corn are left together, the chicken will eat the corn.

If the farmer is there, all is well.

How can he get all the things across the river without something being eaten?

You might like to use models to represent the different creatures to help solve the problem.

Coding

Write some code to programme a member of your family to perform an activity. It could be to programme them to walk around the room without bumping into something, "Take two paces forward then turn right 90 degrees". Or you could programme them to brush their teeth, or if you are adventurous programme them to make a sandwich like Sandwich Bot!

Write the sequence of instructions, leave space to add and edit if needed. Try the code and debug if needed.

Fraction Action

Look for things that have been divided up into equal parts. It could be window panes, panels in a door, tiles on the floor, eggs in an egg box. Work out what each part is as a fraction.

Top Trumps

Create a set of Top Trumps about a subject you enjoy. It could be footballers, writers, cars or pop stars. Think about the categories you could include; most goals, number of books written, speed or most downloads. Make the cards and play with your family. You can add more cards as you think of them.

Oak Class Homework No.1

Every day read for 30 minutes and do 30 minutes of Sumdog.

Plan of your house

Create a plan of your house. This could be on paper or you could make it in Lego if you have it. Make it as accurate as you can and in proportion. Include things like the bath and or shower, how the kitchen is laid out. Include furniture too.

Diary writing

Write a diary from the perspective of something in nature. It could be a leaf on a tree or a dandelion or a mouse. How does it start? What happens to it? Create several entries, write in the first person and in the past tense, "I woke up and saw that it had rained".

Cookery

Find a recipe (perhaps baking cakes or biscuits). Use your maths skills to change the recipe to make it larger or smaller. Start with doubling and halving then try different making it one and half times larger. Ask your adults nicely and they might let you make it!

Write a book review

Write a review of a book you have just read. Include a brief synopsis (what happens in the book). Describe how you felt when you read it, was it exciting, tear jerking, frightening. Give your opinion as to who might also enjoy it