

Maths Activities for Class 3

The activities listed are open-ended and can be carried out at an appropriate level for the individual. You may have other ideas that you would like to include. Just remember to record anything you do, and the Maths involved, in your Project Book. Be creative!

Y4,5 & 6 remember to keep practising your times tables and look for arithmetic practice sheets on Twinkl.

Y6 may also complete anything in their revision books and Y6 work books that they might find helpful.

Cooking

Make a cake:

- discuss weights of ingredients and cooking times
- work out the fractions that the cake can be cut into
- design a box to put the cake in – make a net
- work out the total cost of the ingredients and the cost per portion
- halve or double the quantity
- make up some word problems and use jottings and bar models to solve them
- show a range of methods for working out the answers and proving that they are correct

Choose a recipe:

- adapt it for 2, 4 or 6 people
- work out the total cost and cost per portion
- work out cooking times
- make up some word problems and use jottings and bar models to solve them
- show a range of methods for working out the answers and proving that they are correct.

Games

Play a game that you have at home, eg a board game, a card game, etc.

- make a note of all the Maths involved
- How could you adapt the game to make it more/less challenging?

Organise a tournament with your family:

- work out strategies help you to win the game
- If every person plays each other once, how many games will be needed? (Games for 2 players)

Plan and make a game of your own:

- choose an aspect of Maths that you want to practise
- decide on the type of game you want to make, eg. bingo, pairs, a board game
- decide on the number of players and the age group it is for

Art

Produce a piece of art work using pencils, paint, crayons or collage:

- include geometric shapes
- include symmetry

Design some wrapping paper or wall paper

- include geometric shapes
- include symmetry
- include repeating patterns

Make a poster to illustrate methods for calculation:

- addition and subtraction
- multiplication and division
- fractions
- decimals
- percentages
- Can you teach a method to an adult at home?
- Make up some word problems to go with them.

Time

Time Tables – find some examples, eg bus or train time tables

- note down anything you can work out from the time table, eg. the time taken to get from one place to another, the latest bus to leave a certain destination
- write some word problems that can be answered from the time table
- show different methods for recording and proving your answers

Real Life Maths

Find out about the different jobs people do and the Maths that they have to use.

- discuss with adults in your family
- carry out Internet research