P5/6/7 Numeracy Home Learning Grid

Beat the Teacher Game (Place Value)

Can you teach an adult at home to play 'Beat the Teacher'? You need a deck of cards, just like we play in class. Check your group below for the value of number you should play.

Tetrahedrons– hundred millions

Cylinders – millions

Cones – hundred thousands

Spheres - thousands

Countdown Numbers Challenge

We all love a Countdown Numbers Challenge!

Click on the link below and create yourself a challenge. How close can you get to the target number?

Countdown Game

How did you do it?

Ask an adult to make you up 10 addition or subtraction sums (see below for groups). Can you explain your mental method to the adult? Did you use partitioning or counting on or back?

Tetrahedrons/Cylinders – 4/5 digits

Cones – 3/4 digits

Spheres – 2 digits

Times tables

Our times tables are a vital part of many areas of maths! They make division, fractions, percentages and even algebra easier to do when we know them well!

Practise reciting them out loud like we do in class.

Two nothings are nothing, two ones are two, two twos are four…

P5 - Multiply/Divide by 10, 100, 1000

Practise how to multiply & divide by 10, 100 & 1000.

BBC Bitesize Website

P6/7 – Multiply by a single digit

Watch the video to remind you how to use written method to solve thesequestions then make up some questions by rolling a dice or turning over playing cards. Or perhaps an adult could make up some questions.

VIDEO

Hit the Button

This great game allows you to practise lots of math skills! Have a go at the activities listed for your group below. Hit the Button Game

Tetrahedrons/Cylinders– square numbers, division facts, times tables

Cones – division facts, times tables, halves & doubles

Spheres – number bonds, halves &doubles

Measuring Around the House

It's really important when we are following a recipe that we use the correct amount of ingredients. Can you look up a recipe and measure out the correct amount of each ingredient?

Can you convert between grams and kilograms or litres and millilitres?

How many different ways can you make…?

Set yourself a 4 digit number and see how many different ways you can make this number in 1 minute. Try using the four operations.

Example – 5782
5200 + 582, 6000 – 218, 2891 x 2

P5s – Fractions

Practise fractions by cutting fruit, pizza or even sweets into equal shares. Can you make a half, quarter and eighths?
**Challenge ** Can you find out half or quarter of a number? E.g half of 20 =

P6/7s – Decimals & Percentages

Practise adding or subtracting decimals (P6s – tenths, P7s – hundredths)

Can you work out a percentage of an amount?

10% of 50 =
10% is 1/10
so 1/10 of 50 is **5**

Make you own sums (addition, subtraction, multiplication, division)

Make up your own sums using either a dice or deck of cards to pick digits.

Can you challenge yourself to make the sums a little bit more difficult?

Sumdog Challenge

Log into Sumdog and try the weekly Maths challenge.

Can you answer 100 questions correctly?

Sumdog Website