



Dulwich Wood

My world, your world, our world

Year 5

Help your child with Maths

How much?

While shopping, point out an item costing less than £1.

Ask your child to work out in their head the cost of 3 items.

Ask them to estimate first.

See how close they come.



If you see any items on special offer, (2 for £3.50), ask them to work out the cost of 1 item for you and to explain how they got the answer.

Times tables

Say together the six times table forwards, then backwards.

Ask your child questions, such as:

Nine sixes? How many sixes in 42?

Six times four? Forty-eight divided by six?

Three multiplied by six? Six times what equals sixty?

Repeat with the seven, eight, nine, ten, eleven and twelve times tables

Dicey subtractions

Take turns to roll a dice twice.

Fill in the missing digit.

$$400__ - 399__$$

e.g. $4002 - 3994$

Count on from the smaller to the larger number, e.g. 3995, 3996, 3997, 3998, 3999, 4000, 4001, 4002.

You counted on 8, so you score 8 points.

Keep a running total of your score.

The first to get 50 or more points wins.

Times tables

Ask your child a different times-table fact every day,

e.g. *What is 6 times 8? Can you use this to work out 12 x 8?*

Guess my number

Choose a number between 0 and 1 with one decimal place, e.g. 0.6.

Challenge your child to ask you questions to guess your number. You may only answer 'Yes' or 'No'.

For example, they could ask questions like 'Is it less than a half?'

See if they can guess your number in fewer than 5 questions.

Now let your child choose a mystery number for you to guess.

Extend the game by choosing a number with one decimal place between 1 and 10, e.g. 3.6. You may need more questions!

Line it up

You need a ruler marked in centimetres and millimetres.

Use the ruler to draw 10 different straight lines on a piece of paper.

Ask your child to estimate the length of each line and write the estimate on the line.

My estimate 8.5 cm

Now give them the ruler and ask them to measure each line to the nearest millimetre.

Ask them to write the measurement next to the estimate and work out the difference.

A difference of 5 millimetres or less scores 10 points.

A difference of 1 centimetre or less scores 5 points.

How close to 100 points can they get?

Dicey division

For this game you need a 1–100 board (a snakes and ladders board will do)

A dice

20 coins or counters.

Take turns.

Choose a two-digit number. Roll a dice. If you roll 1, roll again.

If your two-digit number divides exactly by the dice number, put a coin on your chosen two-digit number.

Otherwise, miss that turn.

The first to get 10 counters on the board wins.

Finding areas and perimeters

Perimeter = distance around the edge of a shape

Area of a rectangle = length \times breadth (width)

Collect 5 or 6 used envelopes of different sizes.

Ask your child to estimate the perimeter of each one to the nearest centimetre. Write the estimate on the back.

Now measure. Write the measurement next to the estimate.

How close did your child get?

Now estimate then work out the area of each envelope.

Were perimeters or areas easier to estimate? Why?

You could do something similar using an old newspaper, e.g.

Work out which page has the biggest area used for photographs.

Choose a page and work out the total area of news stories or adverts on that page.

Target 1000

Roll a dice 6 times.

Use the six digits to make two three-digit numbers.

Add the two numbers together.

How close to 1000 can you get?

