Towards Second Level

Maths Homework Options

A - Counting On/Back In 0.2s

Start at any number. Count on/back in 0.2ss.
Examples:
"7, 7.2, 7.4, 7.6, 7.8, 8"
"20, 19.8, 19.6, 19.4, 19.2"

(using 20p coins can help)

B Counting On/Back In 0.25s

Start at any number. Count on/back in 0.25s.
Examples:
"7, 7.25, 7.5, 7.75, 8"
"15, 14.75, 14.5, 14.25, 14"

C – Reading Numbers

Write a few numbers on white boards, or paper.
Can your child read them?
-any whole number to 1 000 000
-any decimal number to 3 places

Examples:
46236 4.963

D Writing Numbers

Ask your child to write down numbers that you call out.
-any whole number to 1 000 000
-any decimal number to 3 places
Examples:
722001 7.021

E - Writing Numbers (words)

Ask your child to write down numbers that you call out, using words.
-any whole number to 1 000 000
-any decimal number to 3 places

Example "96352"
Ninety-six thousand, three hundred and fifty two

F Times tables facts

Practice the _____ times table with your child.
Try passing a ball back and forwards while chanting the stations, or race each other to write them out/say them, or play an online game like Hit the Button or Table Mountain.

G Double 3 digit numbers

Ask your child to double any 3 digit number mentally.

Example:
"Double 173?" "346"
"Double 625?" "1250"

H - Representing Numbers

Have your child represent decimal numbers 3 ways

6.23 ⇨
six point two three
6 + 0.2 + 0.03
six units, two tenths, 3 hundredths

I - Count Around

Counting with a group of people (or two!). One person starts and all those counting take turns. Stop at some point and reverse the counting! Count in different multiples between 2 and 10
Example:
Counting in 3s –"103, 106, 109, 112, 115 <stop> 115, 112, 109, 106"
Counting in 8s "8, 16, 24, 32, 40, 48 <stop> 48, 40, 32, 24, 16, 8

J – Half 3 digit numbers

Ask your child to half any 3 digit numbers.

Example:
"Half of 830?" "415"
"Half of 968?" "484"
"Half of 423?" "211.5" or "211 ½"

K –Decimal Number Bonds

Ask your child to make partners of 10 using decimal numbers.

Examples:
9.3 + 0.7 = 10
0.8 + 9.2 = 10
9.24 + 0.76 = 10
5.5 + 4.5 = 10

(thinking about money can help with this – e.g. £9.30 + £0.70 = £10)

L — Rounding Numbers

Ask your child to round decimal numbers to the nearest tenth or hundredth.
. Example:
"Round 1.54 to the nearest tenth" "1.5"

Round 1.475 to the nearest hundredth"
1.48

M- Multiply by 100/1000

Say any number (whole or decimal). Ask your child to multiply it by 100.
Ask them to multiply it by 1000.

Example:
3.6 x 100 = 360
3.6 x 100 = 3600

345 x 100 = 34500
345 x 1000 = 345000

N – Dividing by 100/1000

Say any number (whole or decimal). Ask your child to divide it by 100.
Ask them to divide it by 1000.

Example:
36 ÷ 100 = 0.36
36 ÷ 1000 = 0.036

345 ÷ 100 = 3.45
345 ÷ 1000 = 0.345

O – Borrow a game

Take home one of the maths games available in school for a week.

Play 3 times.

P – Word problems

Pick up a word problems envelope from school.

Solve the word problems on paper and hand in to be checked.

Remember to draw a picture to help you solve it.

Q – ICT Games

Choose one of the following games – play for 10 minutes, 3 times a week.


SumDog - - www.sumdog.co.uk

Hit the Button - http://www.topmarks.co.uk/maths-games/hit-the-button

Caterpillar Ordering http://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering (has decimal numbers)

Power Lines - http://www.primarygames.co.uk/pg2/powerlines/powerlines1.html

Topmarks Games - http://www.topmarks.co.uk - for a wide range of free online games!