

# Westerton Primary School Maths Home Learning Parent Guide - Second Level 2.1



# Counting

Counting in 6s, 7s, 9s, 25s and 1000s both forwards and backwards (including negative numbers).

Complete these sequences:

9	0	-9	-18	
4000	3000		1000	1000

Start to recognise number patterns when counting in tenths or hundredths (decimals).

Continue counting in hundredths:

### Addition and Subtraction

Add and subtract up to ten thousand with regrouping (using the column method).

> Artek collected 3056 leaves into a recycling bin in the playground. The wind blew 178 leaves out of the bin. Artek then collected another 264 leaves into the bin.

How many leaves were in the bin then?

Add and subtract nearest multiple of ten, one hundred or one thousand and adjust.

Mr Print, the newsagent, has 56 newspapers to sell. He sells 37 newspapers to customers. Another 48 newspapers are delivered to the

How many newspapers are in the shop now?

#### Fractions

Add and subtract fractions with the same denominator.

Complete these fraction sums:

$$\frac{4}{18} + \frac{3}{18} = \boxed{\frac{}{18}}$$

$$\frac{14}{19} - \frac{6}{19} = \boxed{\frac{}{19}}$$

Recognise and show equivalent fractions.

$$\frac{1}{2} = \frac{2}{4}$$
  $\frac{3}{4} = \frac{6}{8}$ 

## Place Value

Read, write, compare and order numbers up to ten thousand (knowing value of each digit).

Order	1423	1234	1324	1342
these				
numbers	smallest			largest

Round to the nearest 10, 100, 1000 and nearest whole number.

> Dwayne weighed out 2067 grams of sand on his weighing scales.

To the nearest thousand, how many grams

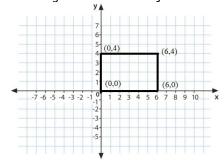
# Multiplication and Division

Rapid recall of multiplication and division facts to 12 x 12.

Use short multiplication and division methods.

## Position and Direction

Find coordinates of shapes using x axis coordinate then y axis coordinate for each.



# Ways to help your child:

- Count forwards and back in different intervals.
- Practise rounding up and down when weighing/measuring.
- Estimate before counting.

# Ways to help your child:

- Help them to have rapid recall of all times tables to complete more complex calculations.
- In the shops look at multipacks ask questions like 'if we buy twelve packs of eight bags, how many will we have altogether?"

# Ways to help your child:

Play battleships.

#### Measurement

Covert between different units of measurement:

- m to cm to m to km
  - g to kg

0.3 litres

• ml to l

In a can there is approximately \_\_ of lemonade.

Circle the best answer

30 litres 3 litres

## Money

Add and subtract amounts of money to give change.

In one piggy bank, there was £8.72. In another piggy bank, there was £5.76.

How much money was in both piggy banks?

#### Time

Read, write and convert time between analogue and digital 12 and 24 hour clocks.

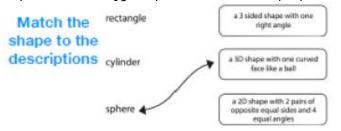
Time	Digital 12 hour clock time	Digital 24 hour clock time	
quarter past 2 in the afternoon	2:15 pm	14:15	
half past 8 in the morning			
twenty five past 11 in the morning			

# Ways to help your child:

- Measure quantities. How much liquid does a cup hold? What would you use to weigh a banana? g or kg? Why?
- Help them to learn measurement facts how many g in a kg, how many ml in a l, mm in a cm, cm in a m, m in a km etc.
- Teach time facts such as how many seconds in a minute, minutes in an hour, hours in a day, days in a week etc.

# Shape

Compare and classify shapes based on their properties.



Identify lines of symmetry and compare angles.



#### **Statistics**

Solve comparison, sum and difference problems using information presented in bar chart, pictograms, tables and other graphs.

	Bus A	Bus B	Bus C
Amber Alley	08:30	08:45	09:00
Silver Street	09:05	09:20	09:35
Red Road	09:20	09:35	09:50

You need to meet your mum on Red Road by 9:40.

Which bus should you catch from Silver street?

## Ways to help your child:

• Read and discuss graphs and timetables.