## Westerton Primary School

## Maths Home Learning Parent Guide - Second Level 2.1

## Counting 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?
Start to recognise number patterns when counting in tenths or hundredths (decimals).
Continue counting in hundredths:
$1.57 \quad 1.58$

## Place Value

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


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 was this?

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 shop.
How many newspapers are in the shop now?
Multiplication and Division
Rapid recall of multiplication and division facts to $12 \times 12$.


Use short multiplication and division methods.

$$
\begin{aligned}
& 186 \div 6=\begin{array}{|ccc}
0 & 3 & 1
\end{array}
\end{aligned}
$$

$$
\begin{aligned}
& 24 \\
& \begin{array}{r}
74 \\
\times \quad 4 \\
\hline 96
\end{array}
\end{aligned}
$$

## 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?'


## Fractions

Add and subtract fractions with the same denominator.
Complete these fraction sums:

$$
\frac{4}{18}+\frac{3}{18}=\frac{\square}{18} \quad \frac{14}{19}-\frac{6}{19}=\square
$$

Recognise and show equivalent fractions.


## Position and Direction

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


Ways to help your child:

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

| Measurement <br> Covert between different units of measurement: <br> - $\quad \mathrm{m}$ to cm to m to km <br> - $\quad g$ to kg <br> - ml to l <br> In a can there is approximately $\qquad$ of lemonade. <br> Circle the best answer <br> 30 litres <br> 3 litres <br> 0.3 litres | Shape <br> Compare and classify shapes based on their properties. <br> Match the <br> rectangle <br> a3 sided shape with one shape to the descriptions |
| :---: | :---: |
| Money <br> 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? | Identify lines of symmetry and compare angles. <br> Draw one line of symmetry on these shapes: <br> Sort these angles into size order: <br> A |
| Time <br> Read, write and convert time between analogue and digital 12 and 24 hour clocks. | Statistics <br> Solve comparison, sum and difference problems using information presented in bar chart, pictograms, tables and other graphs. <br> You need to meet your mum on Red Road by $9: 40$. <br> Which bus should you catch from Silver street? |
| Ways to help your child: <br> - Measure quantities. How much liquid does a cup hold? What would you use to weigh a banana? g or kg? Why? <br> - Help them to learn measurement facts - how many $g$ in a kg, how many ml in al, mm in $a \mathrm{~cm}, \mathrm{~cm}$ in a $\mathrm{m}, \mathrm{m}$ in a km etc. <br> - Teach time facts such as how many seconds in a minute, minutes in an hour, hours in a day, days in a week etc. | Ways to help your child: <br> - Read and discuss graphs and timetables. |

