

Maths Homework

Date Handed Out: **Friday 22<sup>nd</sup> September**

Date Due In: **Wednesday 27<sup>th</sup> September**

This week, you need to **choose one task, from the menu, that you want to do**. You can choose either a bronze, silver or gold activity. It is totally up to you, which one you choose, as long as you are challenging yourself. **If you want to you may do more than one activity.**

**You only need to do one of the following, so which one will you choose?**

## Menu

**Bronze:** For everyone to try.

**Silver:** If you're feeling confident.

**Gold:** An extra challenge.

### Bronze:

To consolidate your learning of column addition can you work out the following. Remember to use column addition and to set it out correctly in your book:

$$5569 + 1236 =$$

$$5647 + 5697 =$$

$$22294 + 1126 =$$

$$13243 + 1398 =$$

$$445267 + 32789 =$$

$$42345 + 123892 =$$

Why not now have a go at a silver reasoning question?

### Silver: Can you complete all the reasoning question?

1. What numbers could go in the box? Can you prove your answer is right? Is there more than one answer?

$$\square + 1475 = 6\square 24$$

2. How many different ways can this addition sum be completed?

$$\begin{array}{r}
 \square \square \square \\
 + \square \square \square \\
 \hline
 7 \ 9 \ 5
 \end{array}$$

**Gold:** Can you create your own grid like the one below, following the same rules, but this time they have to have a total of 45,387. Remember to challenge yourself by selecting complex number and not just going for the easy option.

In the chart any **three** numbers in a line, **across or down**, have a **total of 18.45**

Write the **missing** number.

|       |      |      |
|-------|------|------|
| 2.46  | 8.61 | 7.38 |
| 11.07 |      | 1.23 |
| 4.92  | 3.69 | 9.84 |

Or you might like this an extra challenge:

Replace each letter with a digit to make this addition correct.

What is each letter worth?

How to get started why not take the letter E and select a value for it and see what you can then work out

$$\begin{array}{r}
 \text{T H R E E} \\
 \text{T H R E E} \\
 + \text{ F O U R} \\
 \hline
 \text{E L E V E N}
 \end{array}$$

If you would like a little clue come and ask me.

