

# ST PATRICK'S CATHOLIC PRIMARY SCHOOL



## HOW TO ADD

This short booklet will outline the formal method we use at St Patrick's for teaching addition. It will allow you to practise this method with your child at home in the full confidence that your input will compliment and reinforce the work we already do.

# How to Add

1. Place your numbers above one another ensuring that they are all in the correct columns.

## Example

$23 + 43$



$$\begin{array}{r} 23 \\ + 43 \\ \hline \end{array}$$

2. Start at the Units column and add the numbers, writing the answer u

## Example

$$\begin{array}{r} \downarrow^3 \\ 23 \\ + 43 \\ \hline 6 \end{array}$$

3. Move onto the Tens column and do the same. If there are other columns, like hundreds and thousands do the same again.

## Example

$$\begin{array}{r} \downarrow^2 \\ 23 \\ + 43 \\ \hline 66 \end{array}$$

# How to Add

4. Sometimes when you add you go over 9.

## Example

$23 + 49$



$$\begin{array}{r} 23 \\ + 49 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 49 \\ \hline 3+9 = 12 \end{array}$$

There is a problem because you can only place one digit in the column!

5. To get around this problem, you put the UNIT down in the column and carry the figure in the tens column (1) over over.

## Example

$$\begin{array}{r} 23 \\ + 49 \\ \hline 2 \end{array}$$

12

$$\begin{array}{r} 1 \\ 23 \\ + 49 \\ \hline 2 \end{array}$$

12

6. Then you add the final column as normal, but remember to add on the 1 you have carried over.

# How to Add

6. Then you add the final column as normal, but remember to add on the 1 you have carried over.

$$\begin{array}{r} \begin{array}{c} 1 \\ + \\ 2 \\ + \\ 4 \\ \hline 1 \end{array} \\ 23 \\ + 49 \\ \hline 72 \end{array}$$

7. If the last column has a number bigger than 9, then carry the figure in the ten's column (1) onto a new column.

## Example

$$23 + 93 \quad \longrightarrow \quad 23 + 93 \quad \longrightarrow \quad \begin{array}{r} 23 \\ + 93 \\ \hline 6 \end{array} \begin{array}{c} 3 \\ + \\ 3 \end{array}$$

$$\begin{array}{r} \begin{array}{c} 9 \\ + \\ 2 \\ \hline 1 \end{array} \\ 23 \\ + 93 \\ \hline 6 \end{array}$$

$$9 + 2 = 11$$

# How to Add

$$\begin{array}{r} \downarrow \begin{array}{l} 9 \\ + \\ 2 \end{array} \\ 23 \\ + 93 \\ \hline 6 \end{array}$$

$9 + 2 = 11$

$$\begin{array}{r} 23 \\ + 93 \\ \hline 16 \end{array}$$

$11 \nearrow$

$$\begin{array}{r} \begin{array}{l} 1 \\ \nearrow \end{array} \\ 23 \\ 93 \\ \hline 16 \end{array}$$

8. The 1 is in a new column (the hundreds). You now move it into the answer, as there is nothing to add it to.

$$\begin{array}{r} 1 \\ \downarrow \\ 23 \\ 93 \\ \hline 116 \end{array}$$

Think you have mastered Adding, then try The Big 10.

# THE BIG 10

Can you get The Big 10?

$$1.34 + 21$$

$$2.52 + 46$$

$$3.75 + 26$$

$$4.59 + 37$$

$$5.63 + 52$$

$$6.88 + 34$$

$$7.85 + 17$$

$$8.123 + 243$$

$$9.643 + 237$$

$$10.843 + 543$$