

Can you.....?

- Find all number bonds to 100? (For example, $27 + 73$, $28 + 72$, $29 + 71$ etc.)
- Find five books at home and add up the total number of pages?
- Roll dice to make 4 or 5-digit numbers and add them using column addition?

Reasoning Problem

$$\begin{array}{r} \square 5 \square 9 \\ + 2 \square 3 \square \\ \hline 3 7 1 9 \end{array} \quad \begin{array}{r} \square 4 6 8 \\ + 1 \square 7 \square \\ \hline 3 8 \square 7 \end{array}$$
$$\begin{array}{r} 5 \square 6 \square \\ + \square 9 5 0 \\ \hline 7 1 \square 9 \end{array} \quad \begin{array}{r} \square 7 \square 6 \\ + 1 \square 1 \square \\ \hline 7 4 3 6 \end{array}$$

Investigation

A set of ten cards, each showing one of the digits from 0 to 9, is divided between five envelopes so that there are two cards in each envelope. The sum of the two numbers inside it is written on each envelope:



What numbers could be inside the "8" envelope?

Challenge linked to Home Learning Project

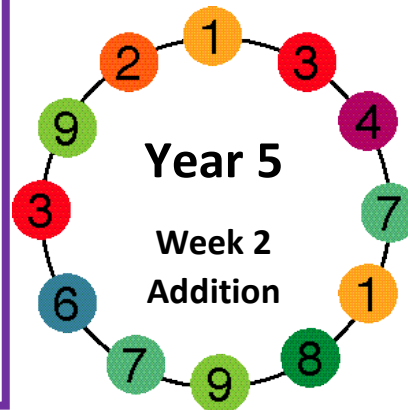
This week's topic is sea animals.

Did you know that sea turtles have been in the world's oceans for 100 million years?!

Use this webpage to find the lengths of the 7 different sea turtles. Add them together to find the total length.

<https://www.worldwildlife.org/pages/infographic-sea-turtles>

Do the same thing for combinations of different species of another sea animal.



Multi-step Word Problems

Bronze: Mr Watkin is making a cake, but he needs to go to the supermarket to pick up some ingredients. He needs 175 grams of sugar, 254 grams of grated carrot and 203 grams of icing sugar. How heavy will his shopping bag be?

Silver: A bookshop sold 2938 books online on Monday, and twice as many books on Tuesday. On Wednesday it sold 1958 books. How many books did it sell altogether from Monday to Wednesday?

Gold: When Mrs Johnson opened her book, she saw two numbered pages. The sum of these two pages was 317. What would the next page number be? Can you write your own problems and solve them?

Games & Resources to Try

http://www.math-play.com/two-digit-addition-game%20-with-regrouping/concentration-adding-two-digit-numbers_html5.html

<https://mathsframe.co.uk/en/resources/resource/543/Maths-Penalty-Shoot-out> (select 'Addition')

<https://www.coolmathgames.com/0-sum-blocks>