CLOSE TO 1000

What you will need:
- cardboard
- scissors
- ruler
- texta.

What to do:
1. Make a set of digit cards as shown above with a piece of cardboard, scissors, ruler and texta.
2. A card size of 2cm x 2cm is easy to use. Keep the set of digit cards handy, as there will be lots of opportunities to use them.
3. Use the digit cards 1 – 6. Place the cards to make the number sentence below. Try to get the sum as close to 1000 as possible. You can only use each digit card once.

\[
\begin{array}{c}
\underline{\phantom{\text{1}}} \\
\underline{\phantom{\text{2}}} \\
\underline{\phantom{\text{3}}} \\
\underline{\phantom{\text{4}}} \\
\underline{\phantom{\text{5}}} \\
\underline{\phantom{\text{6}}} \\
\end{array}
+ \begin{array}{c}
\underline{\phantom{\text{1}}} \\
\underline{\phantom{\text{2}}} \\
\underline{\phantom{\text{3}}} \\
\underline{\phantom{\text{4}}} \\
\underline{\phantom{\text{5}}} \\
\underline{\phantom{\text{6}}} \\
\end{array}
\]

4. Keep a record of your attempts and ask yourself:
   - How do you know how far away from 1000 each attempt is?
   - Is it more or less than 1000? What can you change to get closer?

5. Convince someone that your answer is the closest!

What learning is happening:
- developing fluency with place value, addition and subtraction
- using a problem solving approach, particularly the strategies of Trial and Error and Working Systematically.

Links to more information:
- Learning at home on the Department of Education website

1 www.education.tas.gov.au/parents-carers/learning-at-home/