

Hi everyone. Here are your lessons for all of this week.

WEEKLY ASSIGNMENT: Please submit one piece of maths work by 4pm on Friday 15th January 2021.

Monday 11th January

LO: To be able to read and write three digit numbers

<https://classroom.thenational.academy/lessons/reading-and-writing-3-digit-numbers-ccrk4r>

Challenge-

Place the numbers from 1 to 9 in the squares below so that the difference between joined squares is odd. (You must use each of the numbers once.)

1. Can you find some other ways to do this? Explain how you do this.
2. Can you put the numbers in the squares so that the difference between joined squares is even?

Explain your answer.

3. What general statements can you make about odd and even numbers?

Spare grids-

<https://nrich.maths.org/content/id/2790/Number%20Differences%20UC.pdf>

Tuesday 12th January

LO: To be able to partition numbers in a variety of ways

<https://classroom.thenational.academy/lessons/partitioning-numbers-in-different-ways-cgw34d>

Challenge-

Roll a dice or find a dice online.

Draw an addition grid like this-

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = \underline{\hspace{2cm}}$$

Roll the dice to generate two 2 digit numbers and add together. Your challenge is to get as close to 100 as you can!

Wednesday 13th January

LO: To be able to order and compare three digit numbers

<https://classroom.thenational.academy/lessons/ordering-and-comparing-3-digit-numbers-68w68d>

Challenge-

How can 340 be made using 10 and 100 counters?

Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are



What if you had the number 420?

Thursday 14th January

LO: To be able to add and subtract three digit numbers

<https://classroom.thenational.academy/lessons/adding-and-subtracting-3-digit-numbers-cmw36t>

Challenge-

How can 423 be made using 1, 10 and 100 counters?

What are the fewest counters that can be used?

What are the most counters that can be used?

There are two ways to make 423 using 18 counters.

Find them.



Friday 15th January

LO: To be able to round 2 and 3 digit numbers to the nearest 10.

<https://classroom.thenational.academy/lessons/rounding-2-and-3-digit-numbers-to-the-nearest-10-6gu3er>

Challenge-

How can 2150 be made using 10, 100 and 1000 counters?

Level 1: I can find a way

Level 2: I can find different ways

Level 3: Find 4 or more ways



Support – Remember to use objects to help with your counting. You could use lego or jelly beans- anything!

At school we use a place value grid like this too-

100s	10s	1s