

P2 Numeracy Grid- Week 4 (01.02.2021)

EducationCity username: P2Tollcross
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Numerals

A number can be written in **words** and **digits**.

Write the following numbers using **digits**:

twelve	fifteen
twenty three	thirty eight
forty one	seventy five
sixty two	fifty nine
eighty	ninety four

Challenge: Write these numbers in **digits**.

one hundred and eleven
one hundred and eighteen
two hundred and thirty five.
Or use the attached poster to make your own word numbers.

Addition +

We are practising using **column addition** to solve addition sums. Just now there will be 'no carrying' (the 'ones' will not add up to cross the tens)

Watch '[Double Digit Addition 1](#)' and '[Double Digit Addition 2](#)' on EducationCity, to see Sten using number blocks to add 2 digit numbers using the column strategy.

Using the 'Steps to Success' attached, solve these additions using **column addition**:

Mild	Hot	Spicy
11+4	13+12	32+24
13+6	15+13	34+25
21+3	22+15	53+36
22+5	23+16	73+26

Tollcross Counts

Place Value

Use these **digits**:



What numbers can you make with **7 ones**?
What numbers can you make with **5 ones**?
What numbers can you make with **3 tens**?
What is the **largest/smallest** number you can make?

Mild/Hot=Tens and Ones

Spicy= Hundreds, Tens and Ones

Multiplication

Practise skip counting in **2s**, **5s** and **10s**.

Can you solve these 5x table problems using tally marks.

E.g. $3 \times 5 =$ '3 groups of 5 makes...'

$3 \times 5 =$ = 15

$4 \times 5 =$	$5 \times 5 =$	$6 \times 5 =$	$7 \times 5 =$
$8 \times 5 =$	$9 \times 5 =$	$10 \times 5 =$	

Then play '[5 Times Table Space Race](#)'.

You could use tally marks to help you or last week's knowledge of arrays.

Challenge: Pick an activity from the 'Times Tables Menu' found in Teams under Files>Numeracy>Multiplication

Number of the Day

Mild: 26

Hot: 57

Spicy: 129

Add 2/5/10

Subtract 2/5/10

[Odd or Even?](#)

How many (hundreds), tens and ones? Can you draw it? (hundred square, ten stick, ones squares)

Can you show this in expanded form?

E.g. $100+10+8=118$

Can you draw it in tally marks?

Can you show it on a number line?

You can use the 'Number of the Day' templates on Teams.

Files -> Numeracy->Number of the Day

Topic Maths

Time: Days of the Week

Write the days of the week in the **correct order**. Start with **Monday**.

Circle the days of the week we have our Teams chats **red** and weekend days **green**.

What is the day just **after** Tuesday?
What is the day just **before** Saturday?
What day is 3 days **after** Wednesday?
What day is 2 days **before** Saturday?

Play [Sten's Week](#) or [Daily Dunk](#)

Hundreds	Tens	Ones
1 hundred = 100	1 ten = ten 10	0 zero
2 hundreds = 200	2 tens = twenty 20	1 one
3 hundreds = 300	3 tens = thirty 30	2 two
4 hundreds = 400	4 tens = forty 40	3 three
5 hundreds = 500	5 tens = fifty 50	4 four
6 hundreds = 600	6 tens = sixty 60	5 five
7 hundreds = 700	7 tens = seventy 70	6 six
8 hundreds = 800	8 tens = eighty 80	7 seven
9 hundreds = 900	9 tens = ninety 90	8 eight
		9 nine

Tricky Teens!

11-eleven, 12-twelve, 13-thirteen, 14-fourteen, 15-fifteen,
16-sixteen, 17-seventeen, 18-eightteen, 19-nineteen

I can add two numbers together using column addition.

Example: $11 + 4 = \underline{\quad}$

You can always use visuals to help.
Eg strips of card for the blocks of ten
and buttons or coins for the ones.

Steps to Success Mild

1 Place the numbers one on top of the other, lining up the tens and ones.

$$\begin{array}{r} \text{T O} \\ + \quad 1 \quad 1 \\ \quad \quad 4 \\ \hline \end{array}$$

2 Add the ones and write the answer below the ones column.

$$\begin{array}{r} \text{T O} \\ + \quad 1 \quad 1 \\ \quad \quad 4 \\ \hline \quad \quad 5 \\ \hline \end{array} \quad 1 + 4 = 5$$

5 ones

3 Add the tens and write the answer below the tens column.

$$\begin{array}{r} \text{T O} \\ + \quad 1 \quad 1 \\ \quad \quad 4 \\ \hline \underline{1} \quad 5 \\ \hline \end{array} \quad 10 + 0 = 10$$

1 ten

This is your answer.
Check your answer
using your visuals.

I can add two, two digit numbers together using column addition.

Hot and Spicy
)))

Example: $13 + 14 = \underline{\quad}$

* Steps to Success *

- ① Place the numbers on on top of the other, lining up the tens and the ones.

$$\begin{array}{r} \text{T O} \\ 13 \\ + 14 \\ \hline \end{array}$$

Don't forget the '+' it shows everyone you are adding and not taking away.

- ② Add the ones and write the answer below the ones column.

$$\begin{array}{r} \text{T O} \\ 13 \\ + 14 \\ \hline 7 \end{array}$$

$3 + 4 = \underline{\quad}$

- ③ Add the tens and write the answer below the tens column.

$$\begin{array}{r} \text{T O} \\ 13 \\ + 14 \\ \hline 27 \\ \hline \end{array}$$

$1 \text{ ten} + 1 \text{ ten} = 2 \text{ tens}$

- ④ Underline your answer. Then check your answer using your visuals.

Remember

Use visuals to support you as you develop your understanding and confidence.

Card strips make good blocks of ten.
Buttons, pennies or pasta make good ones.

5 Times Table Space Race

Multiply the numbers on the track.

Write them down as you go around.

Use a timer to see how long it takes you to finish the race!



The track consists of several segments with numbers: 5, 10, 2, 6, 3, 1, 9, 4, 7, 2, 8, 10, 5, 1. A central circle contains $\times 5$. Below the track is a row of seven boxes for recording answers: 2, 5, 3, 9, 4, 7, 6.

2	5	3	9	4	7	6	



Times Tables Menu

<p>Rainbow Write</p> <p>First, write your times tables out in pencil. Then trace over them in two different colours. E.g. $1 \times 3 = 3$ 1 x 3 = 3</p>	<p>Rhymes</p> <p>Write a rhyme to help you remember certain tables e.g. I ate and I ate and was sick on the floor. 8×8 is 64. I swing from tree to tree on a vine— $3 \times 3 = 9$</p>	<p>Time yourself</p> <p>Using a timer, see how long it takes you to write out the times table up to $12 \times$. Could you do it quicker next time? Record your times on a whiteboard. Repeat with division.</p>	<p>Multiples</p> <p>Circle all the multiples of your target table on a 100 square. Place your finger on a number and say the fact. E.g. for 3 times table, put finger on 9 and quickly say '3x3=9'. Repeat with division.</p>
<p>Wake up all times tables</p> <p>Example: 2 2x 2x3 2x3= 2x3=6</p>	<p>Chant</p> <p>Say your times tables out loud but whispering so you don't distract your classmates!</p>	<p>30 seconds</p> <p>How many different times table facts can you write in 30 seconds? Use a timer.</p>	<p>Fancy numbers</p> <p>Write your times tables out using a fancy font! Example: $2 \times 3 = 6$ $2 \times 3 = 6$ $2 \times 3 = 6$</p>
<p>Three Times</p> <p>First, write a times table fact in pencil. Then, write it in crayon. Finally, write it in felt tip!</p>	<p>Snap cards</p> <p>Make a set of snap cards with questions or answers (not on same cards). Then play with a partner.</p>	<p>Hit the button</p> <p>Play the game 'Hit the Button' on an iPad to time yourself.</p>	<p>Pack of cards</p> <p>Using the pack of cards in the maths area, multiply each card by your target times table. Count Jack as 11 and Queen as 12.</p>
<p>Tricky Table Trick</p> <p>Choose the trickiest times table fact and see how many times you can write it in 1 minute.</p>	<p>Counting</p> <p>Count in your target times table using chanting (whisper). Can you do it backwards?</p>	<p>Colourful tables</p> <p>Write each of your times table facts out. Write each number or symbol using a different colour.</p>	<p>Choo Choo tables</p> <p>Write the entire times table out end-to-end as one long line. Write each fact in a different colour. E.g. $2 \times 3 = 6$ $3 \times 3 = 9$ $4 \times 3 = 12$</p>
<p>Multiple Pictures</p> <p>Write all the multiples down for your target times table but place each number within a picture.</p>	<p>Tricky Table Trick 2</p> <p>Choose the trickiest times table fact and create a poster of it to help you remember it.</p>	<p>Times Table poster</p> <p>Make a poster of your target times table facts and use it to practise.</p>	<p>Other Handed</p> <p>First, write your times table out with your normal writing hand. Then, write the list using your other hand!</p>