



NUMERACY - WEDNESDAY

Remote Learning
Week 2 under the dome

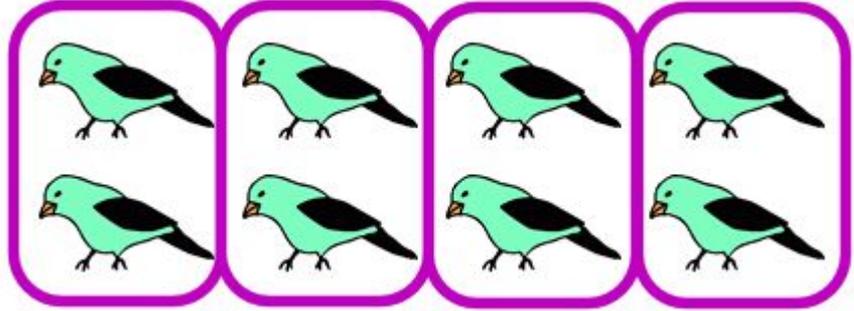


LEARNING INTENTION

Mathematicians explore different ways to use each operation (multiplication, division, addition, subtraction)

SUCCESS CRITERIA

I can demonstrate my
new multiplication skills
by playing date maths



NUMBER FLUENCY - 20 MINUTES

Please spend 20 minutes practicing your times tables. This will be your warm up for your date maths game. Make sure you know your 2's, then your 4's, then your 5's, then your 10's, then your 3's, then your 6,s then your 8,s then your 9,s. Pick one and practice for 20 minutes

EXPLORATION - DATE MATHS

Today, your date maths scores will be shared in a whole class webex later on. We will discuss this time at roll call. Prepare your best answers to share to win prizes!

20 MINUTES DATE MATHS 5 8 2 0 2 1

Now you get to play date maths. This is how we play (same at school). You get to use the digits of the date (above, i put the 3 in because 0 is boring) to create number sentences (subs, problems, equations) using these digits. You can put the digits together using place value if you want! So a 2 and a 3 could become 32 or 23! Technically you can only use each digit once, but it's up to you.

You can **MULTIPLY** (times, groups of) or use **ADD** (plus, more than, addition) or use **SUBTRACTION** (take away, subtract, minus) or finally **DIVISION** (shared between, divided by).

NEXT SLIDE

DATE MATHS 2, 7, 4, 2, 3

Now, play date maths, HOWEVER YOU WANT! You can follow my rules, or change them, the aim is for us to be calm and confident, not stressed.

Aim for a number sentence that =1, 2, all the way to ten.

So (EXAMPLE)

- | | |
|---------------------------|-----|
| 1: $7-4-2 = 1$ | 6 |
| 2: $(2 \times 6) - 4 = 2$ | 7: |
| 3: $2+3-2$ | 8: |
| 4: | 9: |
| 5: | 10: |

TO ALAN

$$50 \div 5 = \underline{10} \quad \underline{10} \times 5 = 50$$

$$50 \div 10 = 5 \quad 5 \times 10 = 50$$

— ÷

Relating division to multiplication



Khan Academy

INDEPENDENT EXPLORATION 10-20 MINUTES

Practice your chosen times tables facts, writing down a related division fact for each. So if you're practising your 4 times tables, it might look like this

$4 \times 3 = 12$

$12 \div 3 = 4$

$12 \div 4 = 3$

$4 \times 7 = 28$

$28 \div 7 = 4$

$28 \div 4 = 7$

Enjoy!