Canonbury Home Learning

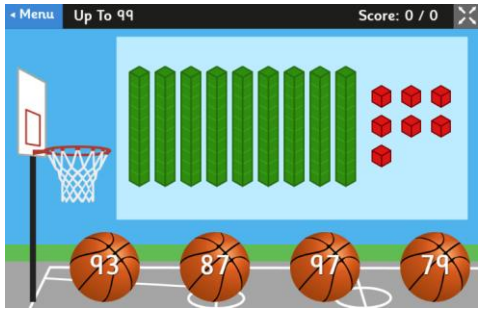
Year 2 Maths

Steppingstone activity

Lesson 5 – 22.05.2020

LO: To be able to identify one more and one less when given a number

Success Criteria:



1. Play place value basketball https://www.topmarks.co.uk/learning-to-count/place-value-basketball to revise your learning this week
2. Read the questions carefully
3. Look at the pictures
4. Answer the questions in your book

Model:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1a. ***True*** or ***false***?

1 more than 25 is 26

1b. ***True*** or ***false***?

1 less than 18 is 16

2a. ***True*** or ***false***?

1 more than 55 is 54

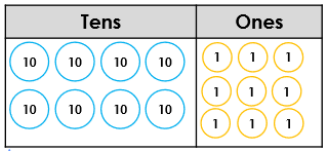
2b. ***True*** or ***false***?

1 less than 78 is 77

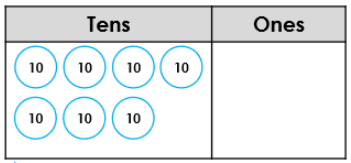
3a. Write ***one more*** and ***one less*** than this number.

3b. Write ***one more*** and ***one less*** than this number.

4a. Write ***one more*** and ***one less*** than this number.



4b. Write ***one more*** and ***one less*** than this number.



5. Complete the number lines.

	35	

	41		

		91	

6. Complete the number lines.

	23	

	61	

	89	

39		

Canonbury Home Learning
Year 2 Maths

Lesson 5 – 22.05.2020
LO: To solve problems with addition, subtraction, multiplication and division

Remember: One metre (1m) is equivalent to (the same as) 100 cm!

Therefore **6m = 600cm**

Or, **1m and 12cm = 112cm**

Task:

You are going to be **using the four operations (+, -, x, and ÷) with length**

Success Criteria:

1.	Starter – answer each of the **+, -, x,** and **÷** questions (the numbers on the right should help you if you get stuck)
2.	**Task 1:** Read the questions very carefully to see which of the four operations you will need to solve them (I've put some key words in bold to help)
3.	**Task 2:** Find the two objects that need to be added together to make the total shown – use lines and dots if they help your addition!
4.	Answer as many reasoning and problem solving questions as you can

Model:

1.

9 + 5 =	12
25 – 12 =	13
3 x 5 =	14
24 ÷ 2 =	15

2.

Eva has a pencil that is 40cm long.
Poppy's pencil is 4 times shorter than Eva's.
How long is Poppy's pencil?

40 cm ÷ 4 = 10 cm

3.

Which two objects added together total 80cm?

carrot
22cm

baguette
59cm

banana
21cm

59 cm + 21 cm = 80 cm

Canonbury Home Learning

Year 2 Maths

Main activity

Complete at least 2 columns, more if you can!

Task 1

Practice

Show your working!

1. Kobie has a pencil that is **20cm long**. Ty's pencil is **half the size** of Kobie's. How long is Ty's pencil?

2. Sam has a pencil that is **30cm long**. Troy's pencil is **5 times shorter** than Sam's. How long is Troy's pencil?

3. Rex has a tower that is **10cm long**. Liz's tower is **2 times longer** than Rex's. How long is Liz's tower?

4. Ash has a tower that is **1m long**. Daisy's tower is **double in size**. How long is Daisy's tower?

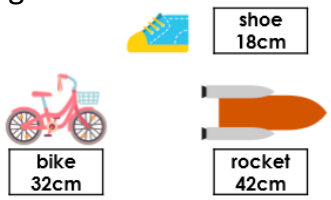
5. Paige has a boat that is **2m long**. Hettie's is **half the size** of Paige's. How long is Hettie's boat?

Task 2

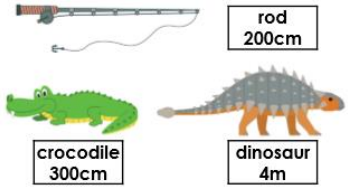
Practice

1. Which **two objects** added together **total 70cm**?

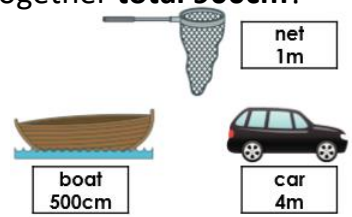
2. Which **two objects** added together **total 60cm**?



3. Which **two objects** added together **total 7m**?



4. Which **two objects** added together **total 900cm**?



Task 3

Reasoning

Explain your answers.

5a. Is Mya correct? Explain why.

I have a piece of rope that is 30cm long. Tim's rope is 10 times shorter than mine. Together our ropes are 40cm long.

5b. Is Joe correct? Explain why.

I have a piece of string that is 40cm long. Ava's string is 5 times shorter than mine. Together our pieces of string are 48cm long.

Task 4

Problem solving

6a. Niko is building towers using thirty 1cm cubes.

His first tower is 18cm tall.

His second tower is half the size of the first tower

How tall is the second tower?

How many cubes does he have left?

6b. Callie is building towers using twenty 1cm cubes.

Her first tower is 6cm tall.

Her second tower uses double the amount of cubes used in her first tower.

How tall is the second tower?

How many cubes does she have left?