Maths

Number and Place Value

Counting in Threes

Aim

- To count forwards and backwards in steps of three.

Success Criteria

- I can count on and back in threes by counting objects.
- I can count on and back in threes using pictures.
- I can read and write steps of three.

Remember It

How many wheels are there altogether?

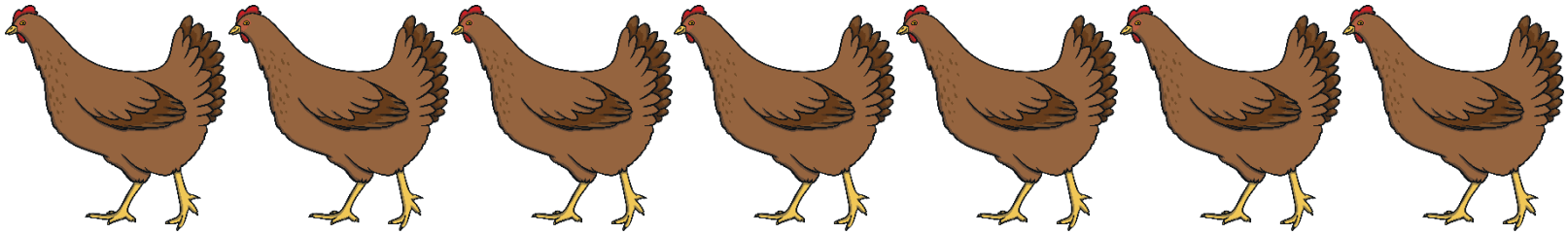
10

What if there was one more bicycle?

12

Remember It

How many legs are there altogether?



14

What if there was one more bird?

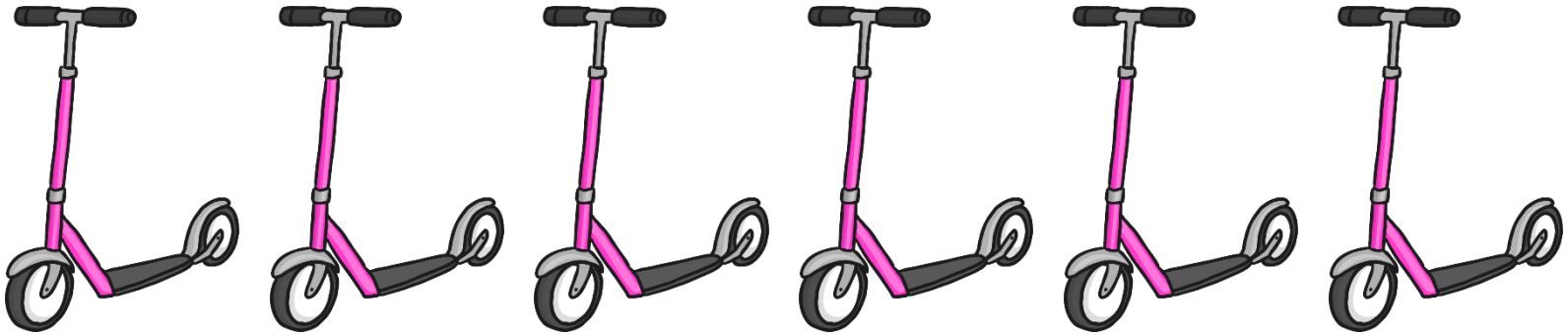
16

What if there were nine birds?

18

Remember It

How many wheels are there altogether?



12

What if there was one less scooter?

10

Remember It

How many legs are there altogether?

8

What if there were two less runners?

4

Remember It

How many ears are there altogether?

16

What if there were three more dogs?

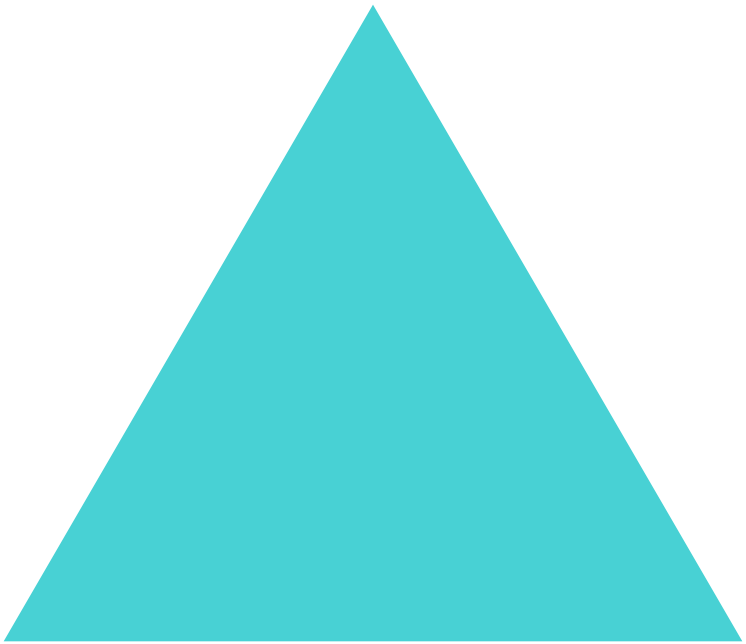
22

What if there were ten dogs?

20

Counting in Threes

How many sides does a **tri**angle have?



3

Counting in Threes

Whole Class

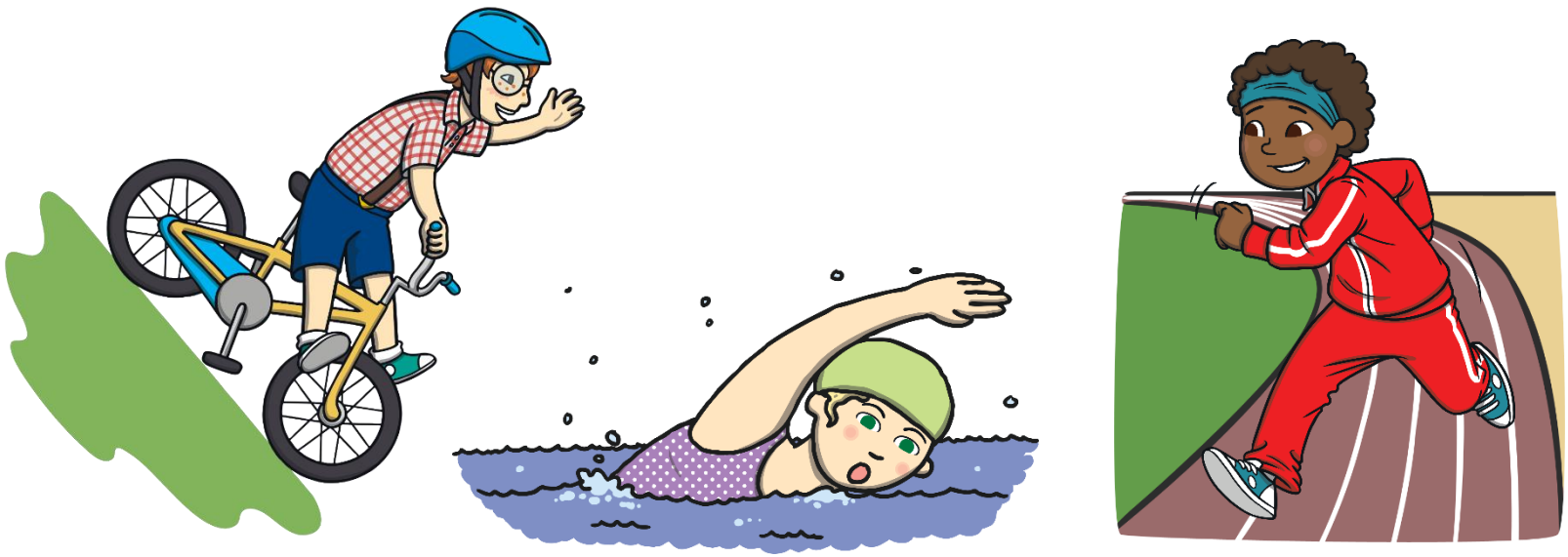
How many legs does a **tri**pod have?

3

Counting in Threes

Whole Class

How many events are in a **tri**athlon?



3

Counting in Threes

Whole Class

How many wheels does a **tri**cycle have?

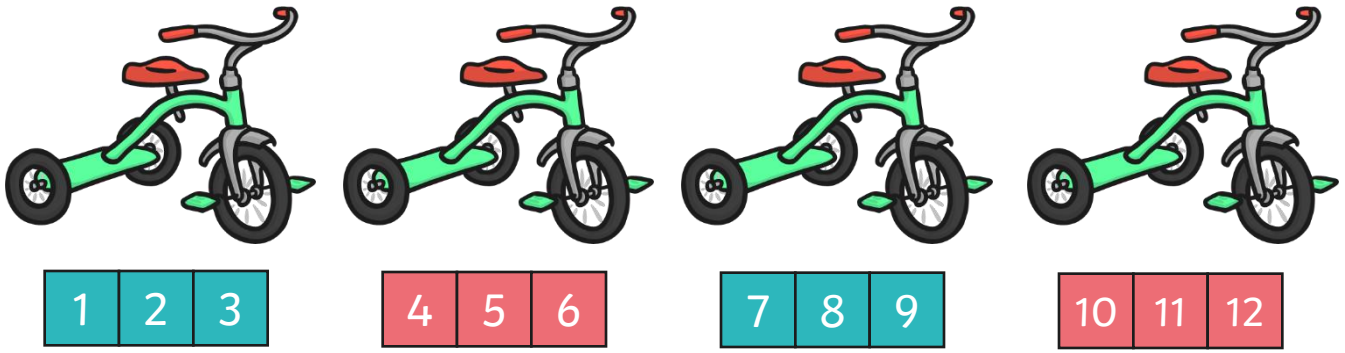
3

Counting in Threes

Whole Class

When you see '**tri**' at the start of words, it means that there are **3** of something.

How many wheels are there altogether on 4 tricycles?



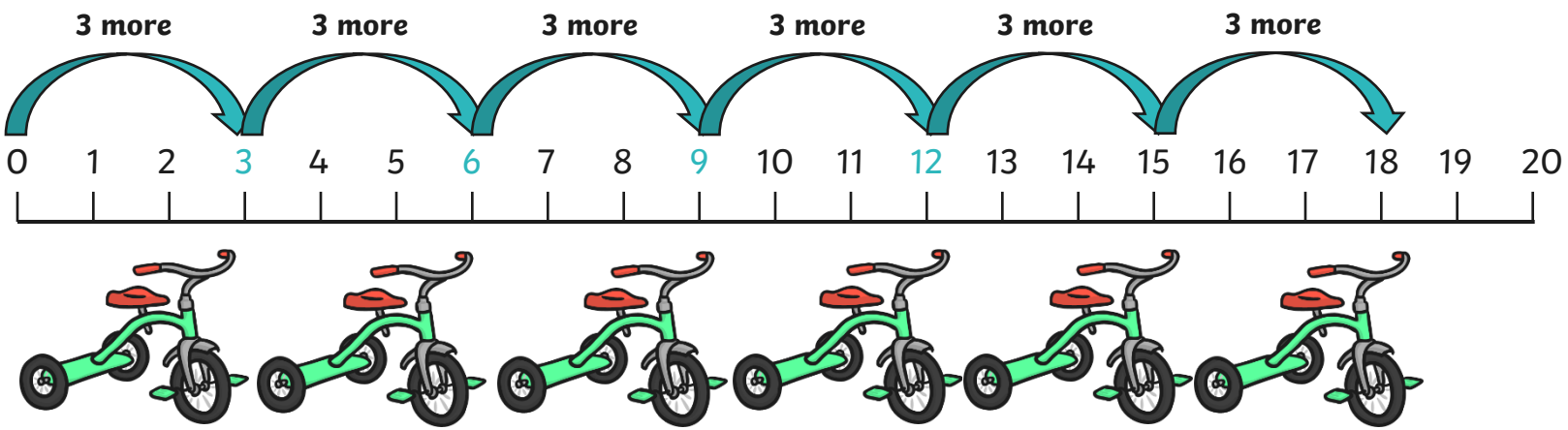
Is it quicker to count every wheel or to count in threes?

Counting in Threes

We can count the tricycle wheels in threes.

When we count forwards in threes, the number gets bigger by three each time.

How could we work out how many wheels six tricycles would have?



Counting in Threes

Whole Class

Let's count forwards in threes up to 100.

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

Remember, the number gets bigger by 3 each time.

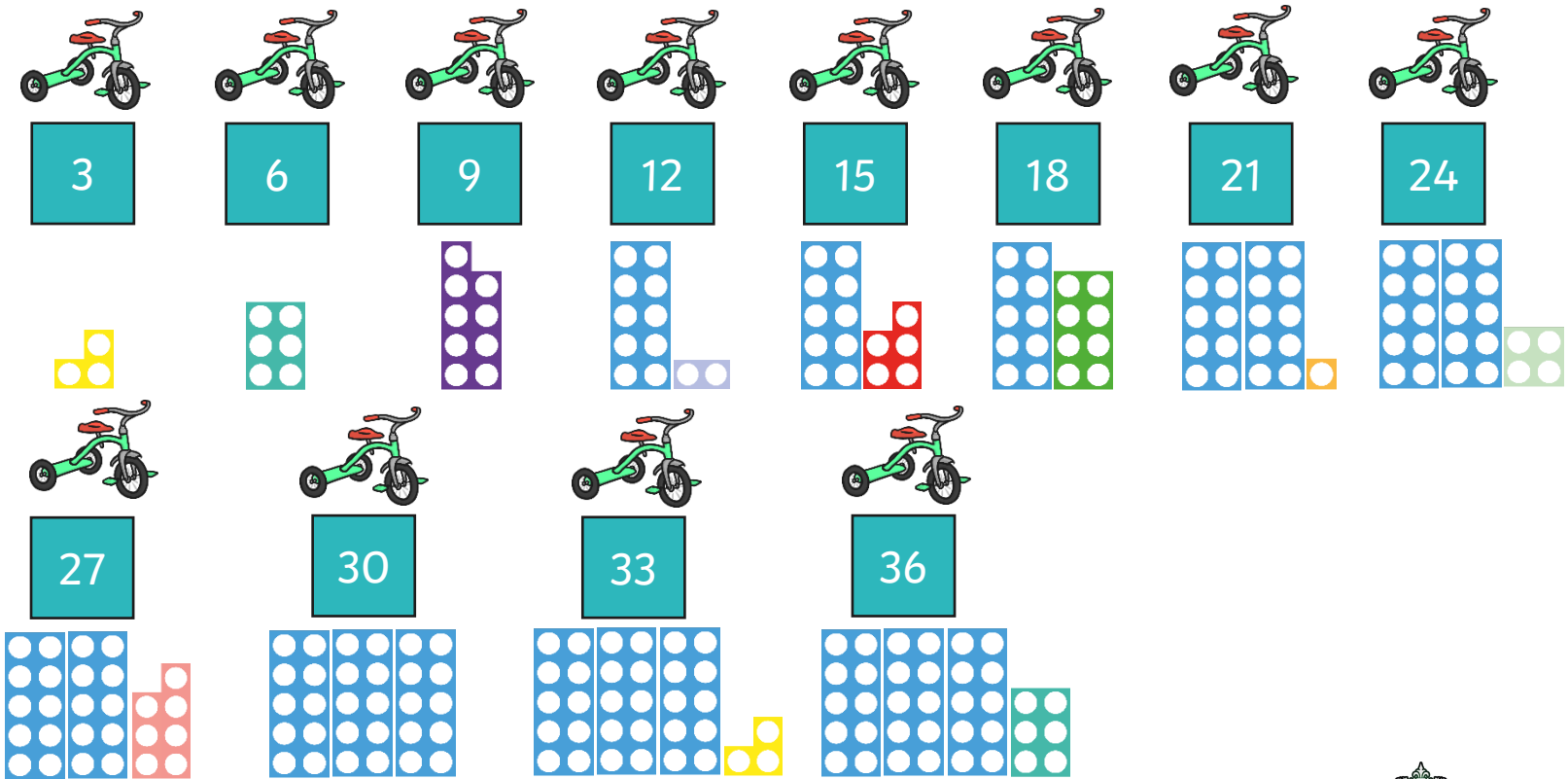
See if you can spot a pattern.

Counting in Threes

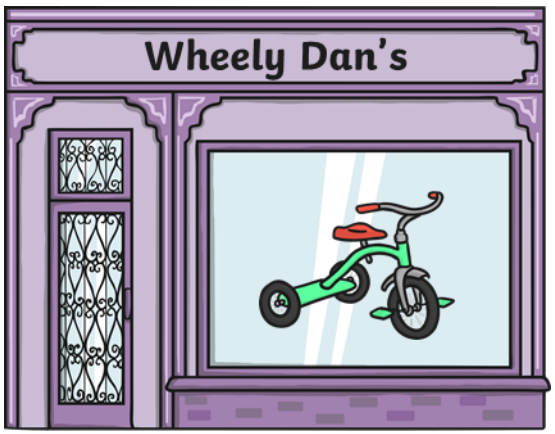
Whole Class

Can you count in threes to find out how many wheels 12 tricycles have altogether?

What can you use to help?

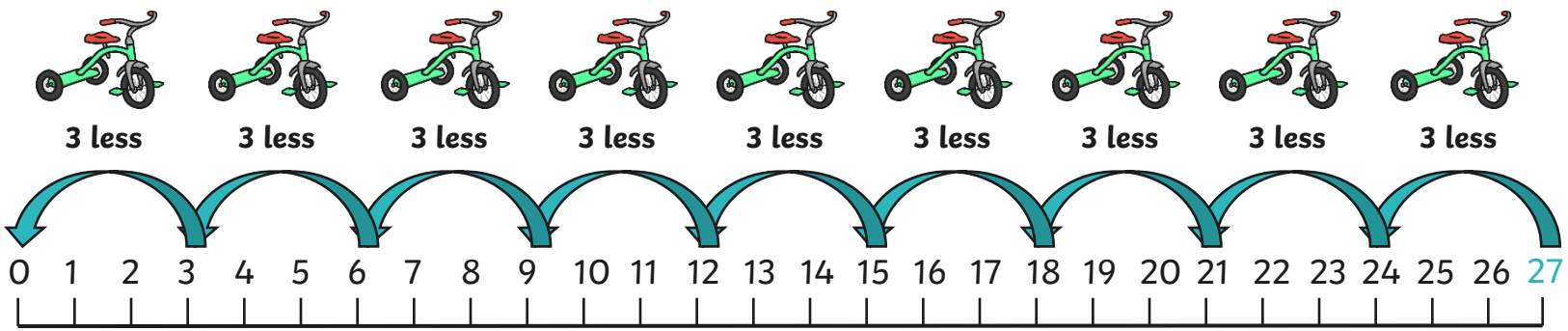


Counting in Threes



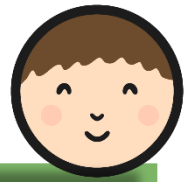
At Wheely Dan's tricycle shop, they are having a busy day!

Can you count back in threes to count the wheels that are left as each tricycle leaves the shop?
How could you check you are right?



When we count backwards in threes, the number gets smaller by 3 each time. We can check our answers by counting forward in threes.

Tricycles Activities



Tricycles

To count forwards and backwards in steps of three.

A. How many wheels?

1. Count in threes to fill in this counting stick:

3	6										

2. How many wheels are there on 7 tricycles altogether? _____
3. How many wheels are there on 12 tricycles altogether? _____
4. How many wheels are there on 13 tricycles altogether? _____
5. How many wheels are there on 14 tricycles altogether? _____
6. How many wheels are there on 15 tricycles altogether? _____
7. How many wheels are there on 16 tricycles altogether? _____

B. Counting in threes

1. Which step of 3 comes **before** 36? _____
2. Which step of 3 comes **after** 36? _____
3. Which step of 3 comes **before** 27? _____
4. Which step of 3 comes **after** 42? _____
5. Which step of 3 comes **before** 48? _____

Tricycles

ards and backwards in steps of three.

his counting stick:

ere on 7 tricycles altogether? _____
ere on 4 tricycles altogether? _____
ere on 11 tricycles altogether? _____
ere on 13 tricycles altogether? _____

fore 12? _____
ter 30? _____
fore 27? _____
ter 18? _____
fore 33? _____

se counting sticks got covered in mud when the dear! Can you write in the missing numbers? Be k counting forwards or backwards?

15		21	24		30	33	

		18		12		6	3

Tricycles

t forwards and backwards in steps of three.

?

ur Tricycle Grids to find out how many wheels there altogether.

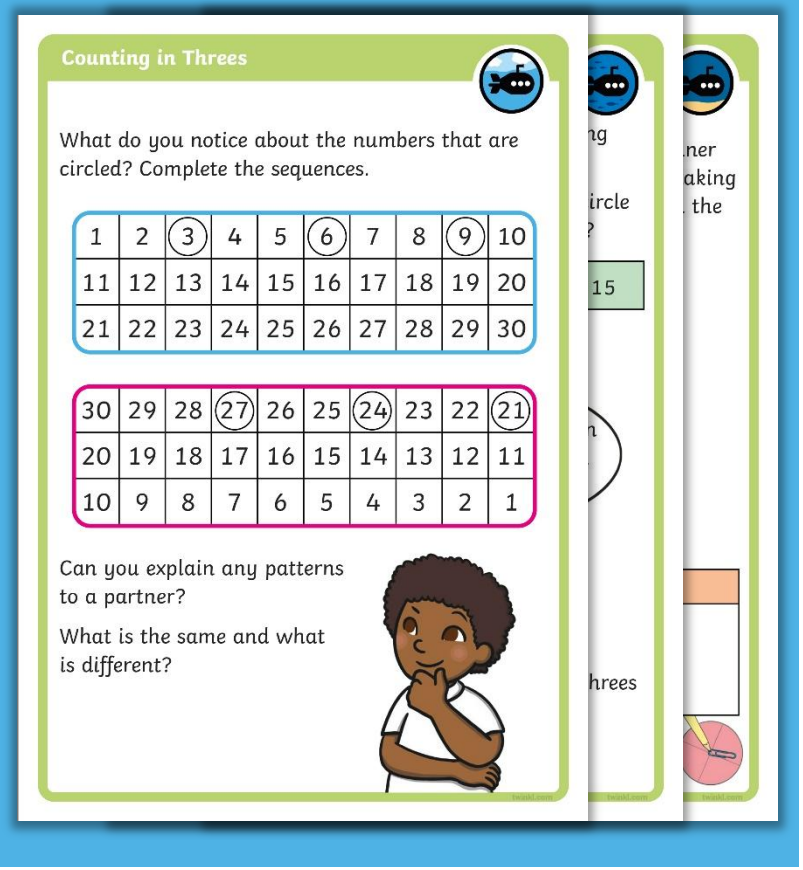
ng your Tricycle Grids to fill in this counting stick:

are there on 6 tricycles altogether? _____
are there on 9 tricycles altogether? _____
are there on 12 tricycles altogether? _____

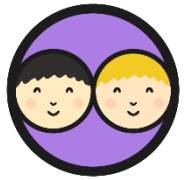
nes before 15? _____
nes after 30? _____
nes before 27? _____
nes after 9? _____
nes before 33? _____

Diving into Mastery

Dive in by completing your own activity!



Order the Threes



Can you put the number cards in order so that they count up in steps of 3?

3	6	9

Shuffle the cards.

Can you put them in order, this time counting back from 48?

Aim

- To count forwards and backwards in steps of three.

Success Criteria

- I can count on and back in threes by counting objects.
- I can count on and back in threes using pictures.
- I can read and write steps of three.