**Level 1**

For sensory and experience-led learners

**Mouse Count**
Ellen Stoll Walsh
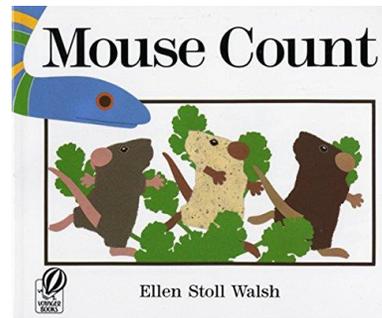
Outdoor scavenger hunt

Go to the park and find some animals.

Can you find some ducks?

Can you find some dogs?

Can you find some insects?

How many?

**Start here**
Story read through- https://www.youtube.com/watch?v=XJCV49gfq10
Animals moving in a park- https://www.youtube.com/watch?v=63QyMlUzMA0
Seeing a mouse up close- https://www.youtube.com/watch?v=l70UhhNalqA
Pause the videos and count- how many now? Count out loud together and use fingers

**Snake puppets**

Make a snake from an sock placing it

over your hand.

Go and pick up mice (stones) from the

garden. How many are there?

**Playdough Mice**

Make some mice out of playdough.

Have some different size jars.

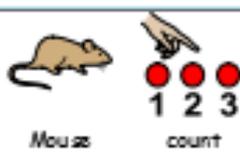How many can fit in each jar?

**Jar exploration**

Collect some different size jars and tins.

What household things can you find that make

a big noise when it hits the bottom of the

jar? What objects can you find that make a

small noise or no noise?

https://www.youtube.com/watch?v=ygcN65SlLFg
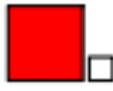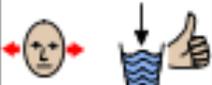Hickory Dickory Dock

**123 + HTU 354**

Number and place value

Mouse Count

| | | | |
|---|---|---|---|
| I | want | mice | mouse |
| you | think | snakes | snake |
| like | jar | dinner | rock |
| don't like | fill | full | empty |
| finished | big | little | count |
| help | enough | not    enough | |
| tidy up | more | again | different |

Level 2

For learners working just before National Curriculum

**Counting Birds**
Alice Melvin
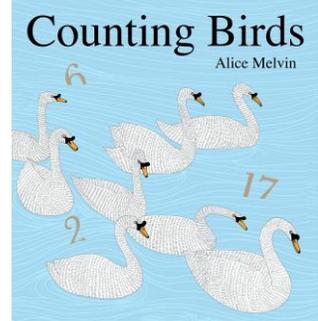
**Eightness of eight**

Watch the learning video and complete your own 'eight' formations. What formations can you find using a different number? 4≠2

https://nrich.maths.org/13704

**Start here**
Story run through- https://www.youtube.com/watch?v=2UB2US3kkog
Count the garden birds - https://www.youtube.com/watch?v=3OJN_vzhRdE
 Birds on a Wire-11-20  https://www.youtube.com/watch?v=2DE5269ATaY
Jack Hartman- count to 20- https://www.youtube.com/watch?v=_MVzXKfr6e8

**Welly Walk***

Go to a welly walk to find some birds. How many different birds can you see? Identify features that are the same and features that are different between the different birds. you find.

**Make your own maths story**

Create your own counting to 20 story by drawing pictures to represent the 123 numbers.

**Make a teen number maths spinner**

NUMBER SPIN
For Numbers 10-19
2 3 4 5
teachingmama.org

Show a number in lots of different ways- how many different ways can you find to show the same number?

123 + HTU 354
Number and place value

*Search Karen Wilding- https://www.youtube.com/watch?v=bX3i6g7in0M for Maths Welly Walk guidance

| Counting | birds | | Counting Birds |
|---|---|---|---|

| I | want | cockerel | lovebirds |
|---|---|---|---|
| you | think | Ducks | baby birds |
| like | cuckoo | fabric birds | wrens |
| don't like | magpies | chicks | peacocks |
| finished | chaffinches | pigeons | pheasant |
| help | swan | geese | swallows |
| tidy up | more | again | different |
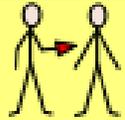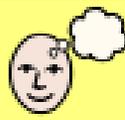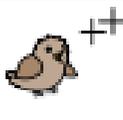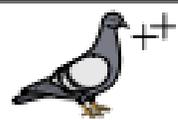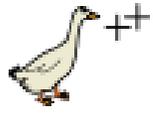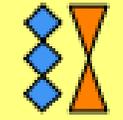
Level 3

For learners working at National Curriculum level

**100 DAYS OF COOL**
by Stuart J. Murphy
Illustrated by John Bendall-Brunello
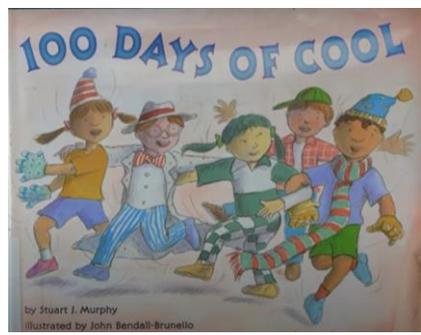
**Start**
Story read-through- https://www.mathsthroughstories.org/100-days-of-cool.html
Count to 100-   https://www.youtube.com/watch?v=1dkPouLWCyc
Counting in 2's, 5's, 10's- https://www.youtube.com/watch?v=q_yUC1NCFkE
Number strings- https://www.youtube.com/watch?v=pkwEL6gd7Fo

100 square jigsaw (online)
https://nrich.maths.org/5572

Let's talk about numbers!
See next page



Show me
Use your '100 things' collections.  Choose any number and 'show me' what this looks like.  Remember to identify the groups of tens and the groups of ones!
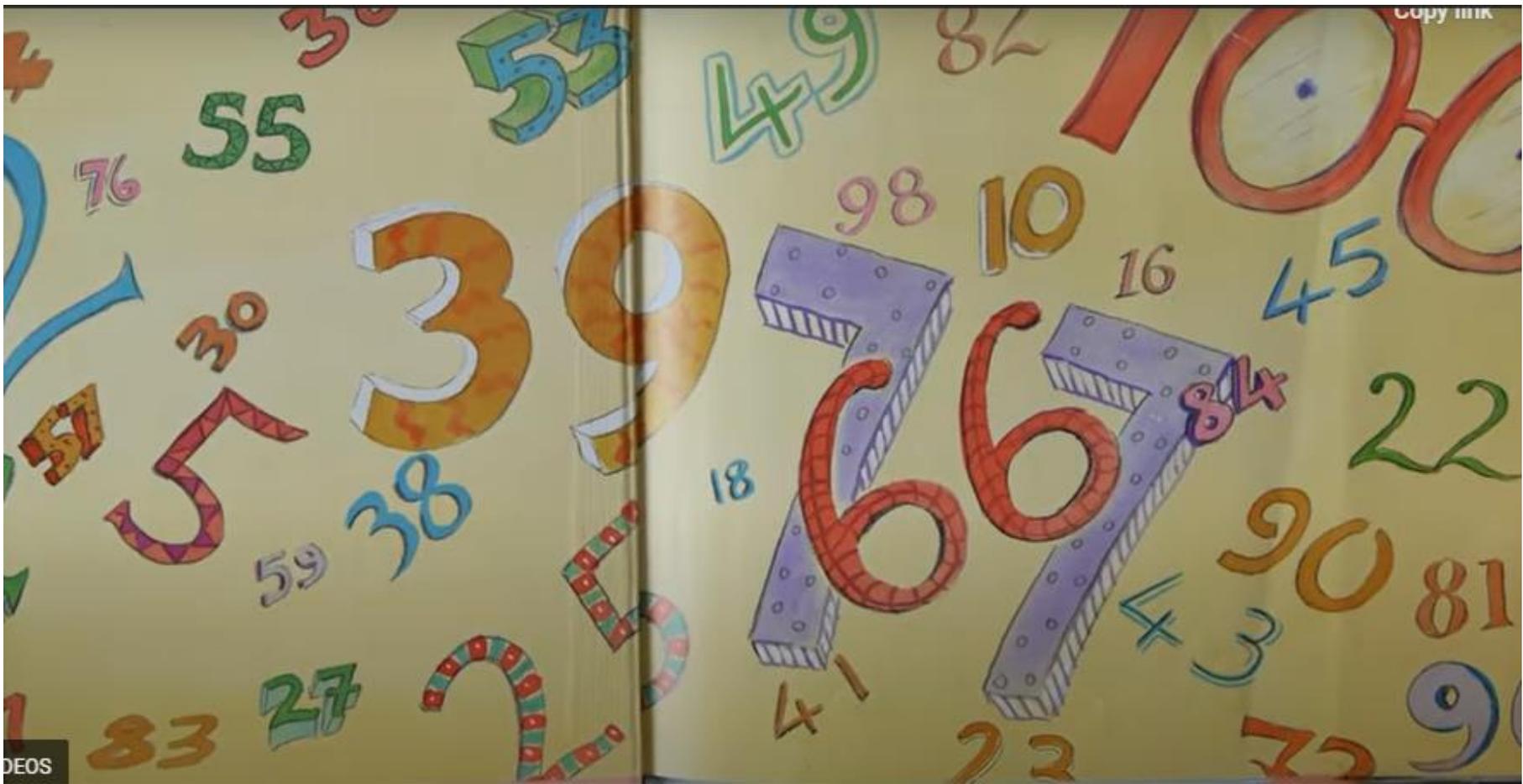


Number   and   place value

Cheerios numberline
Use string and thread cheerios by colour in groups of 10. Use this numberline to represent counting in 1's, 2s, 5's and 10's. Discuss what number comes before and after a given number.
Gain familiarity with the place value of numbers using the terms 'tens' and 'ones'. So for example, 45 has 4 lots of tens and 5 lots of one.

Make a numberline
Using a long thin piece of paper. Only put in 10, 20, 30 etc onto the numberline. Now use a paper arrow and find out where different numbers would be placed on the numberline. Remember, 41 would be close to 40 but further away from 50!

Explore 100
Explore the value of 100 by starting a '100 things' collection. Group them in sets of 10 (or 5!). You can use 1p coins, lego pieces, pasta pieces, straws, anything that you have around the house.  Show me all the collections you have found!

Which numbers can you see?

Some numbers have fallen off the page- which numbers could they be? Which numbers can't they be?

Which is the biggest/ smallest number on this page?

Which numbers are odd/ even?

Can you find the number that is one more than/ one less than ____?

I'm looking at a number. It has ____ tens / _____ ones. What number might I be looking at?