

Year R - Maths Development - Week 4

Subtraction



	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
Useful websites:	CBeebies Numberblocks is a useful tool we have used in class. Click on the link for games and the TV show. Bugz counting game – count the dots on the ladybird and click on the number to match (numbers 0-6)				
Mental Maths	“Count back from 10”	“I count, you count”	“One less”	“How many do I have?”	“Count back from 10”
Problem/activity of the day	<p>Choose 10 objects (smaller objects might be better). Hide the objects under a cloth or box. Remove some of the objects. How many are left? How do you know? What did you do to work out the answer?</p> <p>Repeat taking away a different number of objects each time.</p>	<p>Pick a number from 1-10 or 1-20. Count out that number of objects. What would happen if I take one away, so there is one less? How many would there be?</p> <p>Children to use their own methods to record their findings. There are some examples below.</p> <p>Repeat for different numbers.</p>	<p>Look at the bus below. Place people on the bus. Use first, then, now to tell simple maths stories to practice subtracting in real life contexts. e.g. First there were 5 people on the bus. Then 2 people got off the bus. Now there are 3 people on the bus.</p> <p>Repeat for different numbers of people.</p>	<p>Using the bus from yesterday or your own objects make up your own maths stories focussing on subtraction. E.g. First there were 5 cars in the car park. Then 2 cars left. Now there are 3 cars in the car park.</p> <p>(see below for examples)</p>	<p>See below for different subtraction sums. Use objects, drawings, your fingers to help you work out the answer. You can write the numerals or draw that number of objects. You can also make up some number subtractions of your own.</p>
Resources you will need	10 objects e.g. buttons, bits of paper, coins, a box or cloth	A variety of objects to count. Pen and paper.	Optional: pen and paper, toys, small objects, bus picture	A range of toys of your choosing	Subtraction sums written out, pen and paper, objects to count
Tips, clues or methods to help	Use your fingers to help show how many objects are left. Count back from 10.	Place objects in the Tens Frame and remove one object each time.	Count out the number of objects to represent the people on the bus. Say how many people are leaving in the bus and remove the objects. Say how many people are left on the bus (count the remaining objects)	Count out the number of objects to represent the people on the bus. Say how many people are leaving in the bus and remove the objects. Say how many people are left on the bus (count the remaining objects)	Place objects in the Tens Frame and remove the number of objects stated each time – how many left?
Theme	Subtraction	One less	Subtraction stories	Subtraction stories	Subtraction

See below for: Tens Frame, examples of one less (Day 2), bus outline (Day 3), examples of number stories (Day 4), subtraction sums (Day 5)

Mental Maths:

- "Count back from 10" – Start at 10 and count back to 0. This can also be done by counting back from 20.
- "I count, you count". The adult (or older sibling) starts counting, e.g. "1, 2, 3" the child then continues the counting e.g. "4, 5, 6, 7". Repeat until you reach the target number 10, 20 or agree a number to stop at before counting begins. Repeat a couple of times.
- "One less". Say a number between 0-5 or 0-10 or 0-20. Children to say the number that is one less than the adult's (or older sibling) number. E.g. adult: "7" child "6".
- "How many do I have?" Show the children 10 objects (this number can be changed) hide some of the objects e.g. 3. Children to work out how many you have by knowing how many are left from the total, e.g. "There are 7 left do you have 3". Repeat a few times – can the children get quicker at working out the answer?

Tens Frame

Day 2

"I have counted 9 objects"



"Then I arranged my objects in the shape of a tens frame"



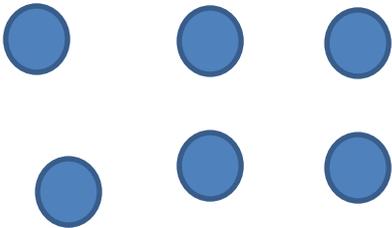
"Then I took 1 away"



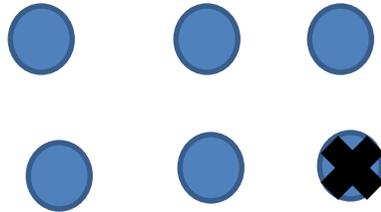
"I counted the objects left and I now have 8". "9 and 1 less is 8"



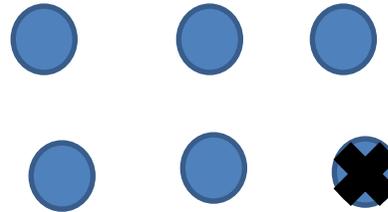
"I drew 6 circles"



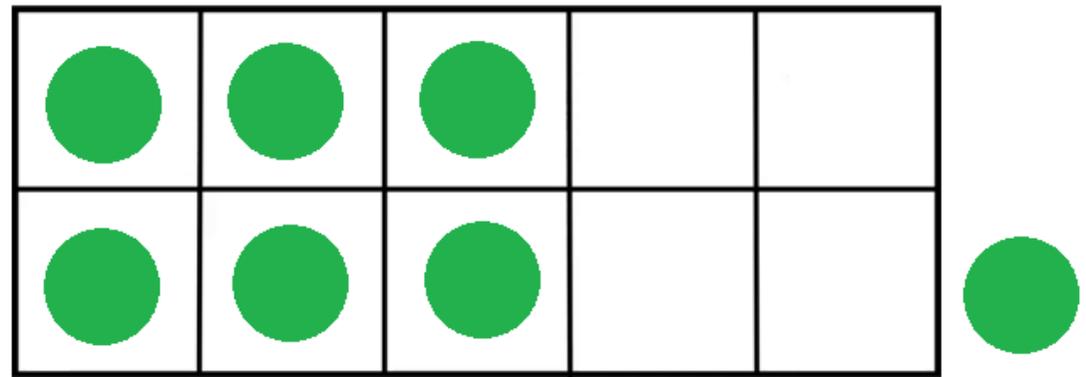
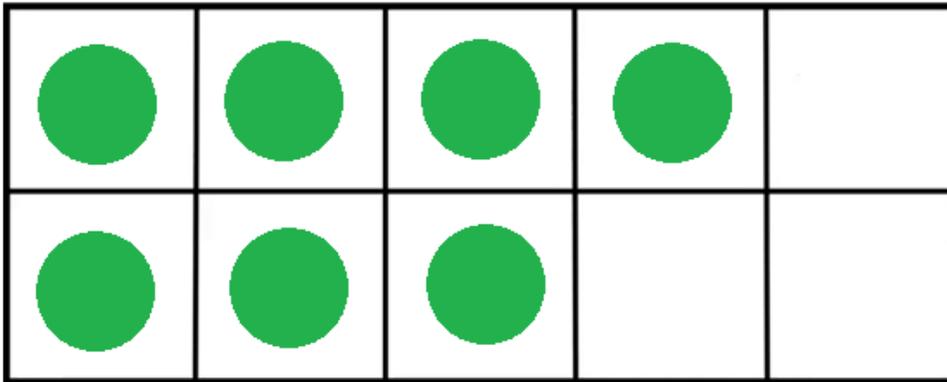
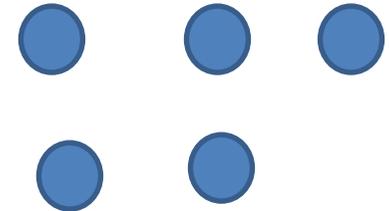
"I crossed one out"



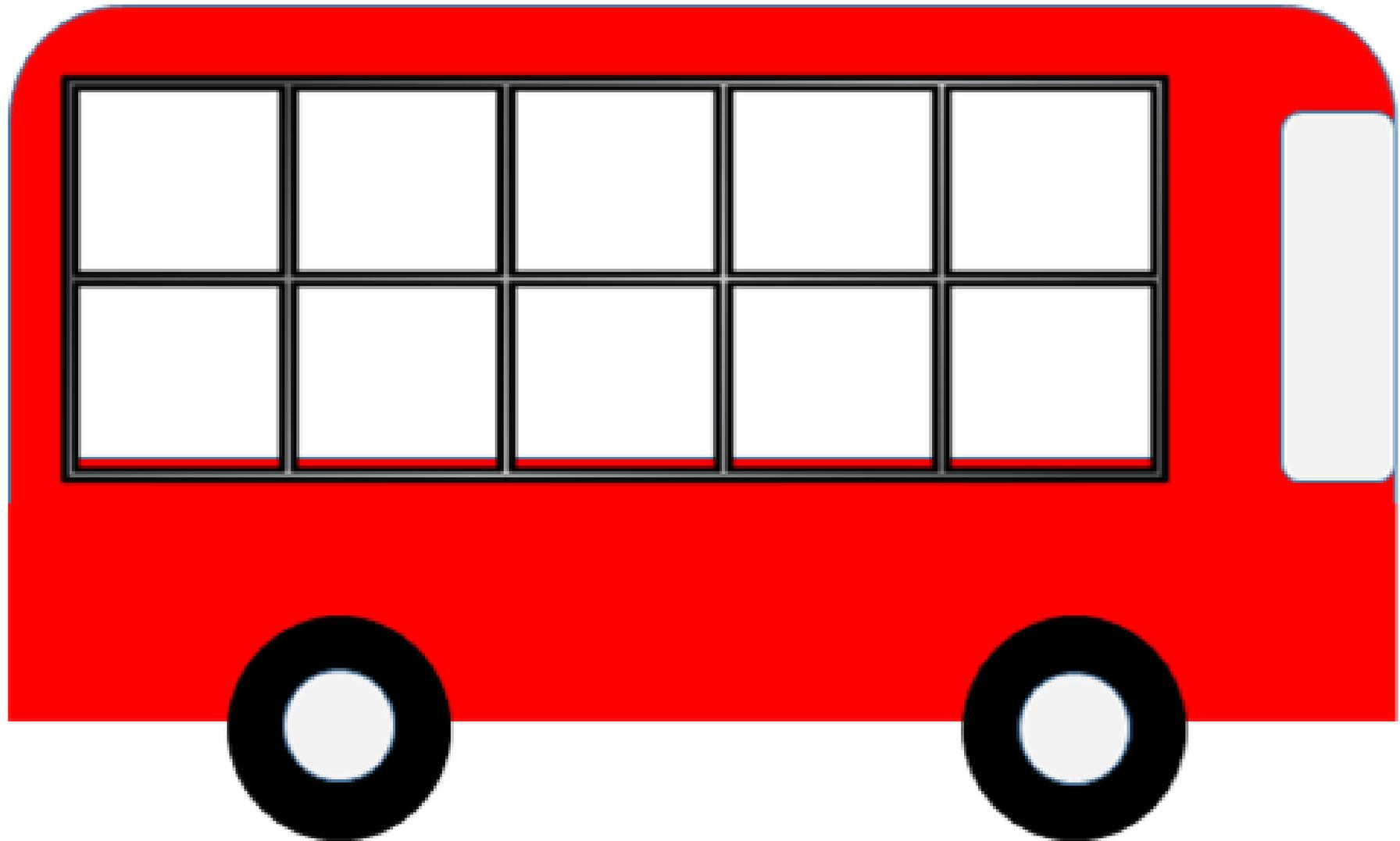
"I counted the remaining circles, I now have 5"



"6 and 1 less is 5"



Day 3



Day 4

First



"First I have 5 eggs".

Then



"Then I take 1 egg away".

Now



"Now I have 4 eggs left"

First



"First I have 4 pens".

Then



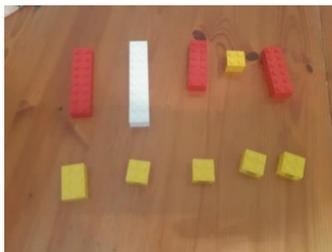
"Then I take 2 pens away".

Now



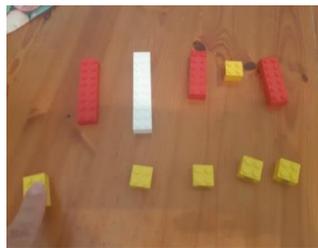
"Now I have 2 pens left".

First



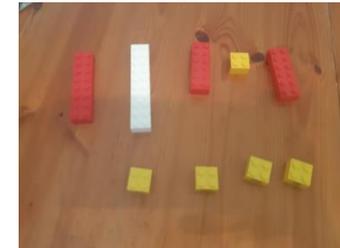
"First I have 10 pieces of Lego".

Then



"Then I take 1 piece of Lego away".

Now



"Now I have 9 pieces of Lego".

Day 5

$5 - 2 =$	$9 - 3 =$	$7 - 3 =$
$7 - 1 =$	$8 - 2 =$	$5 - 3 =$
$4 - 2 =$	$5 - 1 =$	$8 - 1 =$
$6 - 2 =$	$4 - 3 =$	$6 - 2 =$
$10 - 3 =$	$10 - 2 =$	$3 - 1 =$

Challenge

$10 - 7 =$	$20 - 10 =$	$8 - 4 =$
$6 - 3 =$	$9 - 6 =$	$17 - 7 =$
$12 - 5 =$	$14 - 7 =$	$15 - 9 =$
$9 - 4 =$	$12 - 3 =$	$9 - 3 =$
$18 - 3 =$	$7 - 2 =$	$7 - 1 =$