



W.C. 1st June

Maths

After watching the videos have a go at some of the suggested activities.

There is no expectation to complete all of the work or to print worksheets off - children can work on paper if they want to write it down.

(Please note these links are dated week 11th -15th May. We have selected activities and work that is best suited to our Reception children)

Monday - Finding one less than a given number

For today's learning you will need:

- A number grid to 20 - grid can be made on paper but must be large enough to fit a small object/sweet on each number.
- 20 small toys/objects/sweets that will fit on the grid.

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

Please follow link: <https://www.thenational.academy/reception/maths/finding-one-less-than-a-given-number-reception-wk5-1#slide-2>

Activity 1 -

Ask your child to watch the video and answer the questions linked to one less and the toys tea party. Ask your child to read the numbers on their grid to 20 and place a toy or sweet on top of each number. Starting at twenty take one sweet away and ask your child what is one less? Repeat with numbers going backwards i.e. what is one less than 20? What is one less than 19? What is one less than 18? Play this game counting back down to 1. When children are confident clear the grid and ask random questions, e.g. what is one less than 6? What is one less than 12? Encourage children to point to the number and jump back one space to find one less.

If your child finds these numbers challenging try creating a number grid to 10 and adapting the activities for numbers 1-10.

Activity 2 -Set up some objects for the tea party i.e five paper cups, 3 plates, 12 biscuits, 20 raisins etc.(you could do this by using toys for the characters instead i.e. five cars, 12

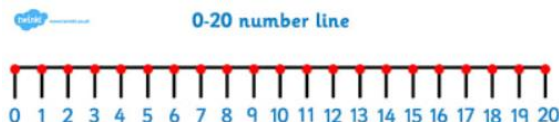
lego pieces etc). Ask your child to count the set of objects and say the number out loud. Tell your child you are going to eat one/take one and you want them to find one less. Repeat with the other sets of objects. Children could record their answers on a whiteboard or piece of paper.

Other ideas - There are lots of nursery rhymes that focus on one less. Sing song ten green bottles using link: <https://www.bbc.co.uk/teach/school-radio/nursery-rhymes-ten-green-bottles/zncyt39> Encourage your child to join in with the rhyme and say the number that is one less. The link includes other songs with a one less theme.

Tuesday - Exploring one more and one less.

For today's learning you will need:

- 20 cubes or small blocks/Lego
- A 0-20 number line (You could make your own number line using paper and pens or print a copy using the following link; <https://www.twinkl.co.uk/resource/printable-number-lines-to-20-t-n-2440>).



- 0-20 number cards (You may wish to make your own set of number cards using paper/card or print a copy using the following link; <https://www.twinkl.co.uk/resource/T-N-014-Digit-Cards-0-20>)
- A coin.

Please follow link: <https://www.thenational.academy/reception/maths/exploring-one-more-and-one-less-reception-wk5-2#slide-2>

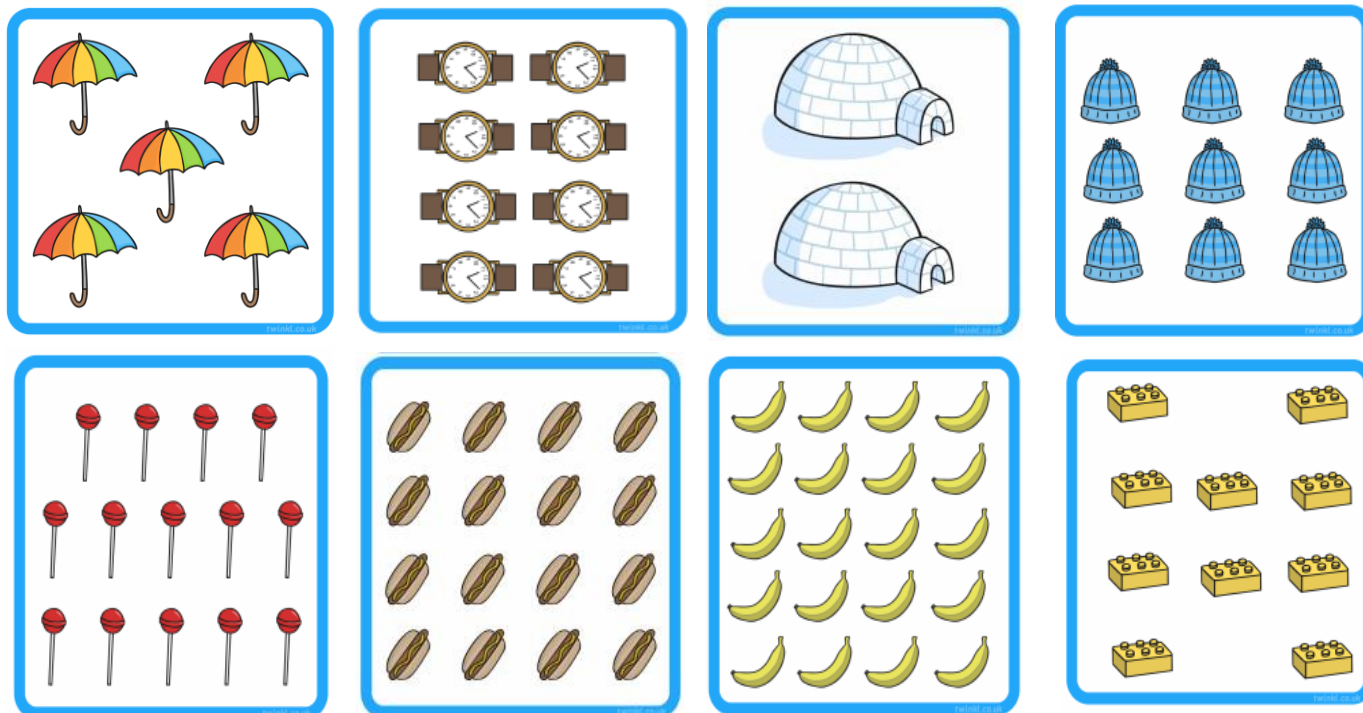
Activity 1 - Ask your child to play the game modelled in the video. Place all of your number cards face down on the table. Ask your child to choose a number and say it out loud. Make a tower with that amount of cubes. Flip the coin - if it lands on heads you add one more cube to the tower and if it lands on tails you take one away to make one less. Flip the coin and ask your child to work out one more or one less on their tower. Encourage your child to use their numberline for support and to check their answer. Repeat with different numbers.

Activity 2 - Ask your child to look at the pictures on the screen and work out what is one more and one less for each picture. Ask your child to record this by setting up a grid (see example). Children to write the number in the centre and record what is one more and one less for each picture.



Encourage your child to use a number line to work out the answer or use real objects to represent the set and add one more or take one away.

Picture to use:

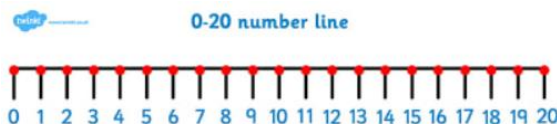


Interactive game - Answer one more and one less questions to help the helicopter rescue the people from the cliff <https://www.topmarks.co.uk/learning-to-count/chopper-squad>

Wednesday - Investigating number combinations within 20.

For today's learning you will need:

- A 0-20 number line (You could make your own number line using paper and pens or print a copy using the following link; <https://www.twinkl.co.uk/resource/printable-number-lines-to-20-t-n-2440>).

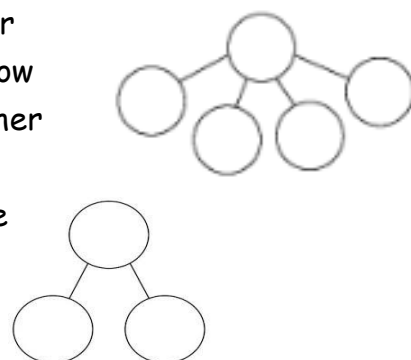


- 0-20 number cards (You may wish to make your own set of number cards using paper/card or print a copy using the following link; <https://www.twinkl.co.uk/resource/T-N-014-Digit-Cards-0-20>)
- 20 small objects/ pennies
- 4 bowls for sharing.

Please follow link: <https://www.thenational.academy/reception/maths/investigating-number-combinations-within-20-reception-wk5-3#slide-2>

Activity 1-

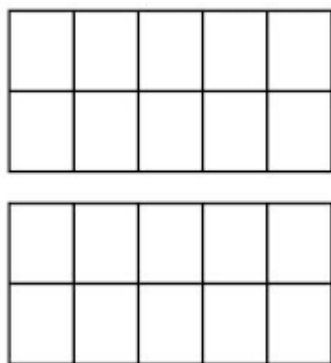
Watch the video and complete the activity modelled. Ask your child to select 14 of their object and divide them into their four bowls - children to choose their own way to divide the objects. Ask children to record their findings using a part, part, part, part, whole model (pictured). How many different ways can you find to make 14? Repeat with another number. If your child finds this challenging please adapt the activity to include numbers from 1-10 and use a part, part, whole model (if using 10 objects share them into two bowls only).



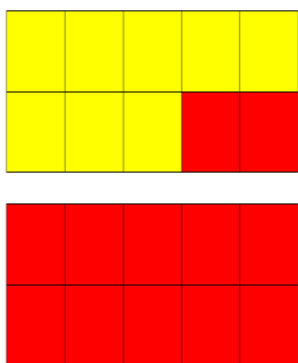
Activity 2-

Set up a grid showing two tens frames (your child will need three copies of the sheet) - explain that when complete the total is 20. Give your child two different coloured pencils and ask them to colour in the grid - can they record what they can see e.g. $8+12 = 20$. Next give your child 3 colours. Ask your child to colour in the grid using three colours and record what they can see e.g. $7+4+9=20$. Repeat with four crayons - $5+5+5+5=20$

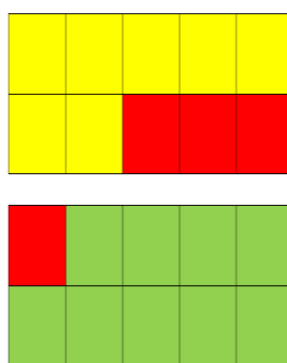
Blank grid



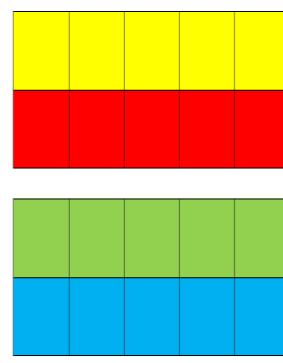
2 colours



3 colours



4 colours



Thursday - Review Lesson: A Maths Meeting

Please follow link: <https://www.thenational.academy/reception/maths/review-lesson-a-maths-meeting-reception-wk5-4#slide-2>

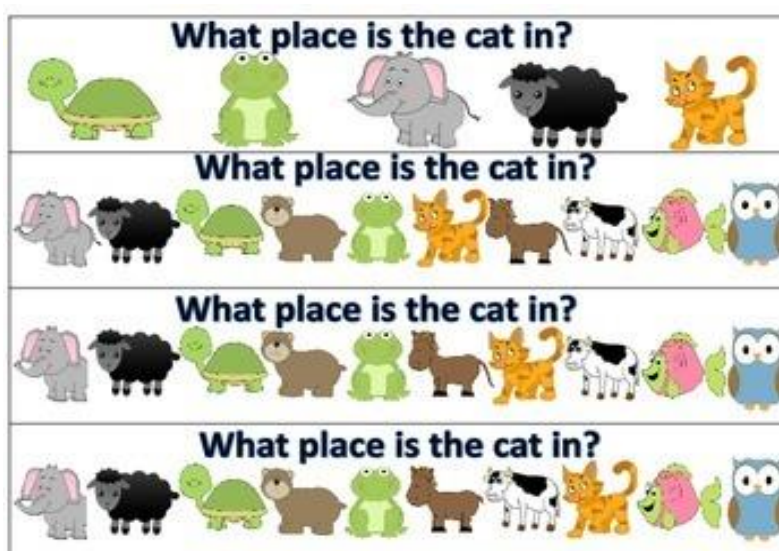
Activity 1 -

Using video review months of the year, days of the week, reliable counting, pattern and ordinal numbers.

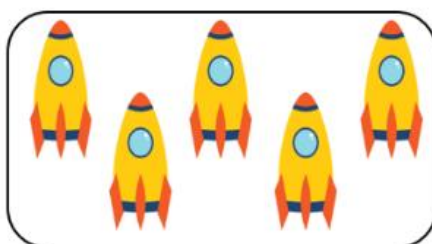
<https://www.bbc.co.uk/bitesize/topics/zrqqtftr/articles/ztjg39q> - on webpage drag the days of the week into the correct order. Ask your child some questions after they have ordered the days. Q1 Which day comes after Monday? It is Wednesday which day is it tomorrow? It is Saturday, what day was it yesterday? Encourage your child to use the ordered display to help them answer the questions.

Activity 2 -

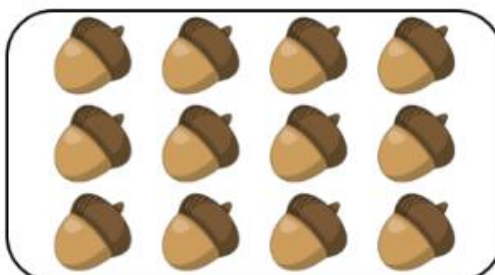
Look at the pictures and ask your child the following questions:



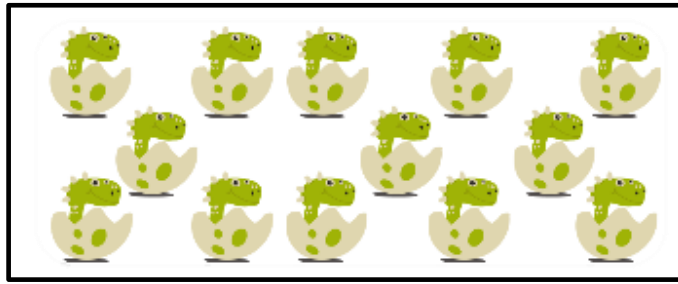
True or false - There are 4 rockets?



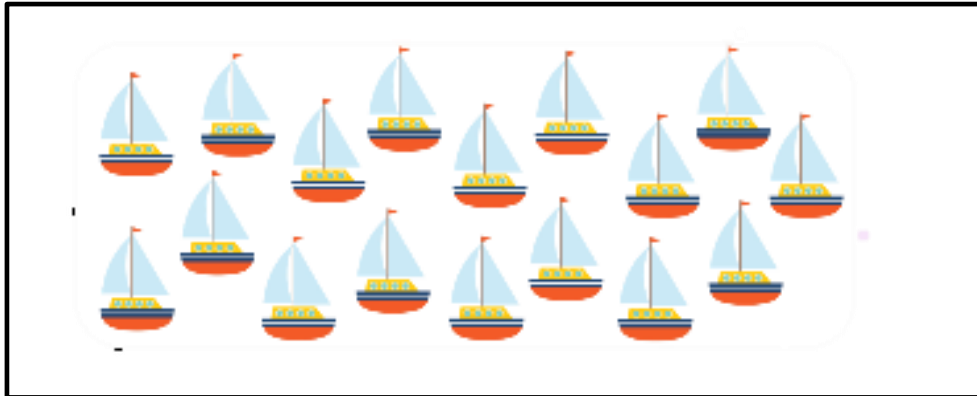
True or false - There are 12 acorns?



True or false - There are 13 dinosaurs?



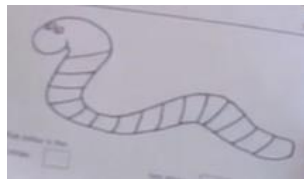
True or false - There are 15 boats?



Friday -Patterns and Ordinal Numbers

For today's learning you will need:

- Three different colouring pens or pencils
- A stripy snake pre-drawn on paper



Please follow link:

<https://www.thenational.academy/reception/maths/patterns-and-ordinal-numbers-reception-wk5-5#slide-2>

Activity 1:

Using your three colours make a three coloured pattern snake and then answer the questions on the video.

Now go on a hunt what patterns can you find in your home?

Activity 2

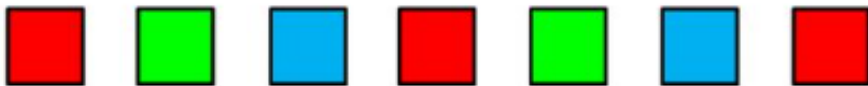
Discuss the patterns you can see in these pictures:



What pattern can you see?



What would come next in the pattern?



What colour is the sixth (6th) square?



What colour is the third (3rd) bear?



Which colour bear would come next in the pattern?



What shape is missing in each pattern?



Where is this shape in the line?

Is it fourth???

