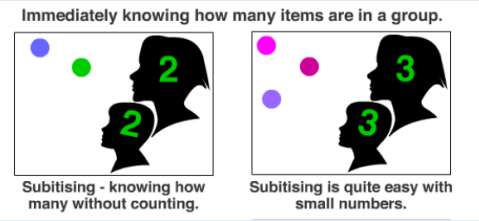




KNOWLEDGE ORGANISER Reception Number	
What I should already know: Recognise up to 3 objects Recite numbers past 5 Say one number for each number 1, 2, 3, ,4 ,5 Show finger numbers up to 5 Match numerals to amounts	
Vocabulary	
subitising	Instantly recognising the number of objects in a small group without having to count the 
whole	
part	

What I should know by the end of this unit:

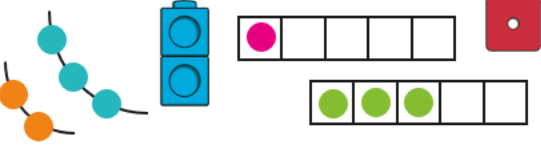
- Identify when a set can be subitised and when counting is needed
- Subitise different arrangements
- Make different arrangements of numbers within 5
- Spot smaller numbers ‘hiding’ inside larger numbers
- Connect quantities and numbers to finger patterns and explore different ways of representing numbers on their fingers
- Hear and join in with the counting sequence
- Develop counting skills and knowledge, including: that the last number in the count tells us ‘how many’ (cardinality)
- Compare sets of objects by matching
- Begin to develop the language of ‘whole’ when talking about objects which have parts

Representing 1, 2, 3

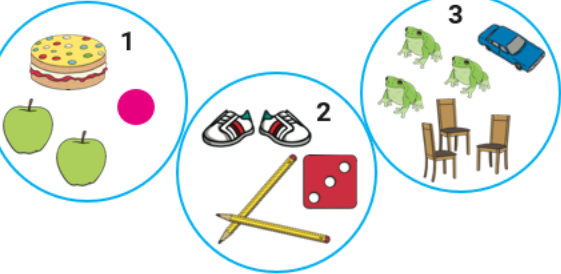
Can you point to the hand showing numeral 2? How about numeral 1? Which shows numeral 3?



Does each picture represent the number 1, 2 or 3? How do you know?



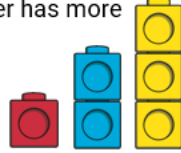
Elijah has sorted some objects into the hoops. Has he done this correctly? How do you know? Would you move any of the objects to a different hoop?



Comparing 1, 2, 3

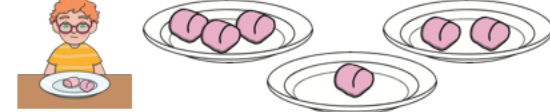
more **fewer** **same** **1 more** **1 less**

Look at the towers of cubes. What do you notice about the shape they have made? Which tower is showing 2? Which tower is showing 1 more than 2? Which tower is showing 1 less than 2? Which colour tower has more cubes than the blue tower?

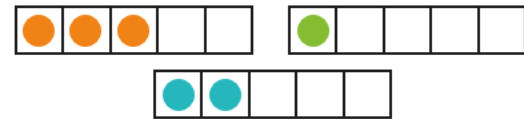


How many marshmallows does Angus have on his plate?

Which plate has the same amount? Which plate has more? Which plate has fewer?



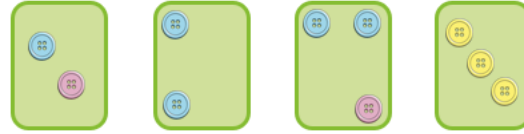
The five-frames are in the wrong order! Can you put them in the correct order, starting with 1?



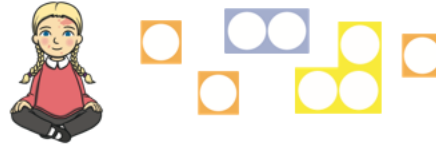
Composition of 1, 2, 3

All numbers are made up of smaller numbers.

Look at the button cards. Which cards are showing 2? Which cards are showing 3? What can you tell me about the different coloured buttons on each card?



Darci is trying to make 3 using the number shapes. Which shapes could she use? How many different ways of making 3 can you find?



Joni has 3 flags to put on her 2 sandcastles. How many flags could she put on each castle? Is there more than one way to do it?

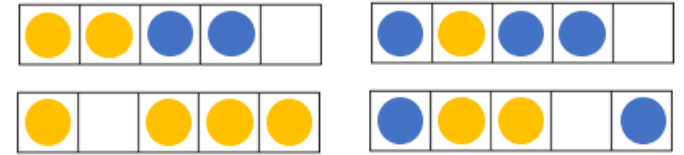


Composition of 4

How many different ways can you make four?

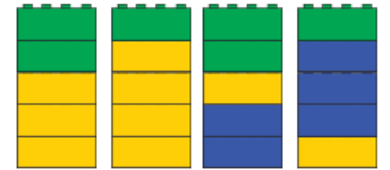


Explain how you know that there are four counters in each of the five frames.



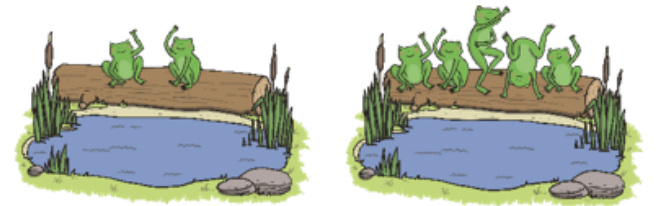
Composition of 5

How many different ways can you make five?



Five Little Speckled Frogs

How many frogs are in the pool each verse and how many are on the log? How many altogether?

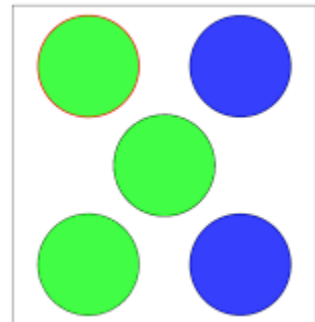


Compare Amounts

Groups of objects can be compared. When making comparisons, a group of objects can have...



Spot smaller numbers hiding inside larger numbers



Make numbers on the Hungarian number frame.

