

Mathematics: Level 1

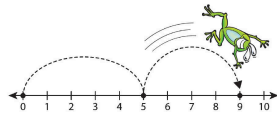
Counting can be used to solve number problems
Objects can be counted

Number

I can...

I know...

Count on



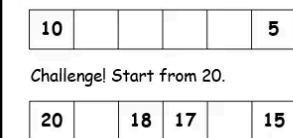
Forward number sequence to 100



Count back



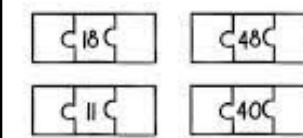
Backward number sequence from 100



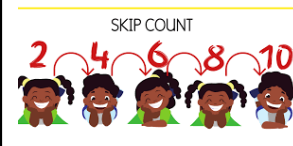
Count a set of things in more than one way

1+4 or 2+3

Name the number before and after any given number



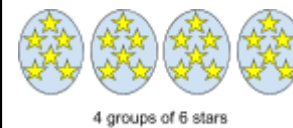
Skip count



Patterns for numbers to ten without counting



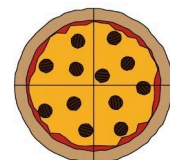
Group and share equally



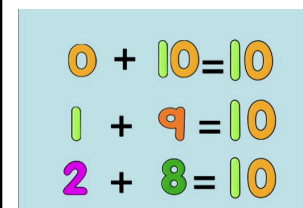
Groupings within and with five (2 + 3, 5 + 4)



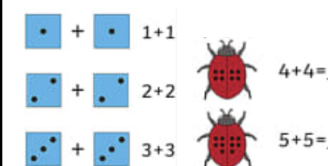
Share objects in ones, twos or threes to find a quarter of a group



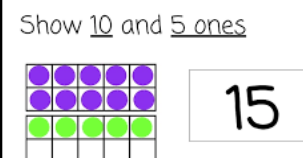
Names for ten (6 + 4 therefore 10 - 4)



Doubles to at least ten (3 + 3, 4 + 4)



Groupings with ten (10 + 6, 8 + 10, teen numbers)



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Measurement				Position and Orientation				Shape			
I can...				I can...				I can...			
Put objects together to compare them <ul style="list-style-type: none"> Length Area Volume Weight Angle Temperature Time 				Follow and give instructions eg <ul style="list-style-type: none"> Distance; 14 steps Direction; face the library Angle: do a half turn clockwise 				Sort objects by <ul style="list-style-type: none"> Shape Size Colour Texture Weight Temperature 			
Choose units to measure, making sure they are the same size.				Describe my position relative to a person or object. <ul style="list-style-type: none"> Eg next to, in front of, behind, between, to the right/left and simple diagrams and maps. Increasing precision on simple maps, in terms of distance and landmarks. 	above around behind beside			Say how I have sorted the objects			

Probability - Begin to explore chance situations				Transformation				Statistics - Conduct investigations using the statistical enquiry cycle			
I can...				I can...				I can...			
List possible outcomes				Talk about what patterns I see from <ul style="list-style-type: none"> Reflecting (flipping) Translating (sliding) Rotating (turning) 				Use data that comes from sorting			
Use possible outcomes to make simple predictions				Describe turns as fractions of a full turn.				Show what I have found using...			
								Talk about what is the same and what is different	e.g., 6 more people like hokey-pokey than vanilla		
								Match comments made by others with the picture or chart			

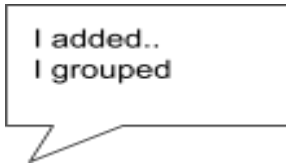
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Algebra

Expressions and Equations
Counting, grouping and equal sharing strategies can be recorded using words, numbers and pictures.

Patterns and relationships
Some patterns are repeating, and some are sequential

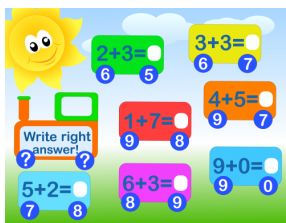
Use my own words to tell others the how I found an answer



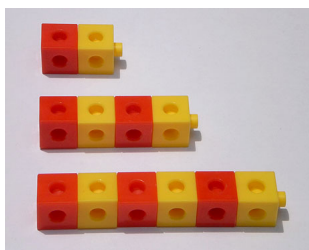
Know link between cardinal and ordinal aspects of counting.



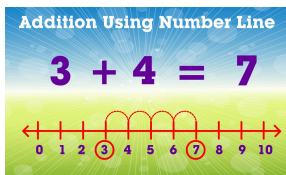
Use equations to show how I found an answer



Find patterns and say what comes next



Use pictures to show how I found an answer



Reproduce a given pattern using objects, drawings, symbols



Create and continue patterns saying why I have made my choices

Tell others what my pattern is

