

Year One: Counting, Partitioning and Calculating: Counting and Ordering Numbers	
Learning Objectives	Resources
<p>Using and applying mathematics</p> <ul style="list-style-type: none"> • Solve problems involving counting on the context of numbers or money • Describe simple patterns and relationships involving numbers <p>Counting and understanding number</p> <ul style="list-style-type: none"> • Count reliably a least 20 objects, recognising that when rearranged the number of objects stays the same; estimate a number of objects that can be checked by counting • Compare and order numbers, using the related vocabulary • Read and wrote numerals from 0 to 20, then beyond; use knowledge of place value to position these numbers on a number track and number line 	<p>Reading books Box of toys Counters and dice Number fans Jam jars and marbles</p>
ICT	Curriculum Links
<p>Graphics – get the children to make pictures of numbers up to 30 for a class number line</p>	<p>PE – get the children to play count actions and moves in gymnastics Science – ask the children to count numbers of objects used in investigations History – get the children to count numbers of objects pictured in historical photographs</p>

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	Mental/Oral Starter	Class Introduction	Independent and Group Tasks	Plenary
Monday	<p>Display the numbers from one to thirty on flash cards at the front of the classroom.</p> <p>Call out a number up to thirty and ask individual children to collect the correct number from the board.</p> <p>Continue until all numbers have been collected. If you have more than thirty children in the class then send some children up in pairs to collect the numbers.</p> <p>Get the class to recite the numbers to thirty and get each child to raise up their card when the number they are holding is called out.</p>	<p>Show the children a stack of 24 books. Get the children to estimate how many books they can see in the pile. Do you think there are more than 10 books? Do you think there are less than 20 books?</p> <p>Read out the numbers up to thirty and get the children to hold up their hand when they reach the number for their prediction.</p> <p>Count out the number of books with the children by taking one book off the top of the pile, crossing a number off a number line to thirty and then placing the book down onto a new pile. Continue until the children have counted the twenty-four books.</p> <p>Repeat getting the children to count a box full of 27 toys and a pencil pot full of 23 pencils.</p>	<p>Core/Extension (activity 1a) Split the children into pairs and get them to play a counting board game. The children will need some counters and dice to play the game and a set of the game cards.</p> <p>Each time the children land on a star they have to pick up and carry out the instructions on one of the cards. You can laminate copies of the game board and cards to use in future lessons.</p> <p>Support Work with a teaching assistant to play the board game. Concentrate on getting the children to identify the individual numerals used in the game.</p>	<p>Practise counting forwards and backwards to thirty.</p>