

Unit 1
Counting

Three daily lessons

Merseyside Consultants'
Cluster Group

Year 1
Autumn term

This Unit Plan is designed to guide your teaching.
You will need to adapt it to meet the needs of your class.

Unit Objectives
Year 1

- ?? Know number names and recite them in order to at least 20. Page 2
- ?? Count reliably at least 20 objects. Page 2
- ?? Count on in ones from any small number. Page 4

Link Objectives

Reception

Year 2

- ?? Say and use the number names in order in familiar contexts.
- ?? Count reliably up to 10 everyday objects.
- ?? Continue the count on and backwards from a given number.

- ?? Say names in order to at least 100, from and back to zero.
- ?? Count reliably to at least 100.
- ?? Count on or back in ones or tens from any 2-digit number.

Resources needed to teach this unit:

- Puppet
- Collection of books.
- Construction materials.
- Pegboards/pegs.
- 1 – 20 bead string.
- Interlocking cubes.
- Coins and tin.
- Homework sheet.
- OHP.
- Collection of small objects.
- Large dice.
- Dotty dice.

Planning Sheet	Day 1	Unit 1: Counting	Term: Autumn	Year Group: 1
Oral and Mental		Main Teaching		Plenary
Objectives and Vocabulary	Teaching Activities	Objectives and Vocabulary	Teaching Activities	Teaching Activities/Focus Questions
		<p>Know number names and recite them in order to at least 20.</p> <p>Count reliably at least 20 objects.</p> <p>Vocabulary:</p> <p>number names to 20.</p> <p>count on</p> <p>count back</p> <p>Resources:</p> <p>puppet</p> <p>collection of books</p> <p>construction materials</p> <p>pegboards/pegs</p> <p>1 – 20 bead string (for plenary)</p>	<p>Whole class activity:</p> <p>Seat the children in a circle. Say/sing familiar number rhymes (e.g. One potato / 1,2,3,4,5 Once I caught a fish alive)</p> <p>All count together from 1 to 20 (and beyond, if appropriate) and back again.</p> <p>Using a puppet, introduce alternate counting where puppet says 1 and the children say 2 etc. Count forward and backward.</p> <p>Puppet will count in ones from 10 onwards, making mistakes. Children to shout out when the puppet makes a mistake.</p> <p>Count round the circle, each child saying the next number. Repeat counting backwards.</p> <p>Ask for volunteers to continue counting beyond 30.</p> <p>_____</p> <p>Put a collection of books in a pile in the middle of the circle (between 10 and 20). Ask:</p> <p>Q How many are there? Q How can you find out?</p> <p>Choose a volunteer to count them. Encourage them to put them in a row.</p> <p>Children count together to check the number.</p> <p>Collect up the books and ask the children to count silently while you move them into a new pile. Ask:</p> <p>Q How many books are there now? Repeat, but children can count out loud.</p> <p>Group activity:</p> <p>Set up four to six activity areas containing construction materials or pegboard and pegs etc. Challenge children to construct an object (such as a robot) or make a pattern. After 5 to 10 minutes ask them to count how many bricks or pegs they used and ask a friend to check.</p>	<p>Using the bead string, count from 1 to 20 with the class, moving one bead at a time. Children say the number out loud.</p> <p>Count back from 20 moving beads back again one at a time, as children count.</p> <p>Child to repeat the activity, while class whisper the count. Stop and ask:</p> <p>Q How many now?</p> <p>Repeat with further volunteers.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>By the end of the lesson children should be able to:</p> <p>recite number names to 20 in order</p> <p>count reliably up to 20 objects</p> </div>

Planning Sheet	Day 2	Unit 1: Counting	Term: Autumn	Year Group: 1
Oral and Mental		Main Teaching		Plenary
Objectives and Vocabulary	Teaching Activities	Objectives and Vocabulary	Teaching Activities	Teaching Activities/Focus Questions
		<p>Know number names and recite them in order to at least 20.</p> <p>Count reliably at least 20 objects.</p> <p>Count on in ones from any small number.</p> <p>Vocabulary:</p> <p>next number</p> <p>how many</p> <p>count on</p> <p>count back</p> <p>Resources:</p> <p>interlocking cubes</p> <p>puppet</p> <p>cubes or coins</p> <p>tin</p> <p>homework sheet</p>	<p>Whole class activity:</p> <p>Begin by enacting "10 (15 or 20) green bottles" to encourage counting back from 20.</p> <p>Puppet counts "5, 6, 7", children respond "8". Repeat for other number strings e.g. 17, 18, 19...</p> <p>Puppet leads alternate counting by saying two numbers and all children respond with the next two numbers (e.g. puppet 1, 2 – children 3, 4). Repeat backwards and extend numbers beyond 20, if appropriate.</p> <p>Teacher drops cubes/coins one by one into a tin. The children count out loud (then whisper and then silently). Ask:</p> <p>Q How many in the tin? Q How do you know?</p> <p>Paired activity:</p> <p>Demonstrate the following activity and then get the children to work in pairs:</p> <p>Children need connecting cubes (unifix or similar). Teacher with a one-minute sand timer/rocker. Challenge the children to make a train of cubes using as many as possible before the sand runs out.</p> <p>Children take turns, one to make the train and one to count the cubes. Ask:</p> <p>Q How many in your train?</p> <p>Repeat several times.</p>	<p>Puppet says two consecutive numbers and children continue the count until the teacher says stop (e.g. puppet says "9, 10" – Children say "11, 12, 13, 14, 15"). Repeat several times.</p> <p>Have a collection of soft toys (at least 20) in a basket.</p> <p>A volunteer takes some of them and puts them in the centre of the circle. Ask: Q How many are there?</p> <p>Choose a child to count them. Repeat.</p> <p>Talk through the homework sheet briefly.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>By the end of the lesson the children should be able to:</p> <p>/// say the numbers from 1 to at least 20</p> <p>/// begin to count on from a small number</p> </div>

Planning Sheet	Day 3	Unit 1: Counting		Term: Autumn	Year Group: 1
Oral and Mental		Main Teaching			Plenary
Objectives and Vocabulary	Teaching Activities	Objectives and Vocabulary	Teaching Activities	Teaching Activities/Focus Questions	
		<p>Know number names and recite them in order to at least 20.</p> <p>Count reliably at least 20 objects.</p> <p>Count on in ones from any small number.</p> <p>Vocabulary:</p> <p>count on</p> <p>count back</p> <p>next</p> <p>how many?</p> <p>Resources:</p> <p>OHP</p> <p>collection of small objects (10 per child)</p> <p>large dice</p> <p>dotty dice for each pair</p>	<p>Whole class activity:</p> <p>Review homework sheet and discuss. Use OHP, if possible. Volunteers to come out and demonstrate their counting. Ask:</p> <p>Q How did you know you had counted them all?</p> <p>Children sit in a circle. Teacher rolls a large dice (1 – 6) and children count on in unison from that number (until the teacher says stop). Repeat.</p> <p>Ask:</p> <p>Q What number comes next?</p> <p>Repeat for counting backwards, if appropriate.</p> <p>Repeat activity counting around the circle. Ask for volunteers to roll the dice and count on or back.</p> <p>Paired activity:</p> <p>Demonstrate the following activity to the class:</p> <p>Each child needs 10 small objects each (e.g. counters, cubes, teddies, pegs, etc.)</p> <p>Children take turns to roll a dotty dice and pass to their partner the correct number of objects from their collection.</p> <p>The child gives their partner the number of objects to match the number of dots.</p> <p>After three or four minutes (use a piece of music) children count their new collection and check their partner's.</p> <p>Play again if time permits.</p>	<p>Children sit in a circle.</p> <p>Teacher asks six children to stretch their legs out in front of them. Ask a volunteer to count the number of feet.</p> <p>Check by whole class counting.</p> <p>Repeat with a different number of children.</p> <p>Start at 1 and count around the circle until teacher says stop (7).</p> <p>Ask:</p> <p>Q What number will be next?</p> <p>Q Who will say number 10?</p> <p>Q What number will Jack say?</p> <p>Continue the count to check Repeat several times.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>By the end of the lesson children should be able to:</p> <p>count on in ones from any small number</p> <p>count reliably up to 20 objects</p> </div>	

