

Maths Focus: Addition; counting on, part part whole model

	Monday	Tuesday	Wednesday	Thursday	Friday
Resource	Bag/sock bricks/beads etc Part part whole sheets, numbers to make 5 BBC iPlayer - Numberblocks - Series 1: The Whole of Me	Number cards/bottle tops or counters with number on. Counting objects, bricks/beads etc Part part whole model: blank sheet	Teddy/soft toy. Numbers 1-15 number line. Number shape addition to 5 sheet. Number sentences written on slips of paper to match the e.g.s on the sheet.	Counting objects and a cloth to cover them Numicon shapes/cards copies from maths pack	Numicon pieces/cards Dominoes Domino addition page Part part whole blank to place numicon pieces on.
Adult input	<p>Warn up: Feely bag counting. Use a bag or an old sock with some small lego bricks, dried beans or marbles. Ask your child to feel inside and catch some bricks/beans. Can they count how many they have without looking? This works really well if you have real Numicon pieces...</p> <p>Input: Demonstrate using the part part whole model to show numbers that add to make 5. Move Numicon pieces into the bubbles/hoops to show how they make the total of 5.</p> <p>Vocabulary to use: Total Together/push together/altogether Add Plus</p>	<p>Warm up: One more: Movement counting with numeral/numicon cards. Adult holds up card and gives instruction (clap, jump, bob, wiggle). child completes correct amount of movements. ask child one more/less questions – child to use number line for support where necessary.</p> <p>Input: Teach: addition Show 2 sets of objects (pennies, cubes, dried beans etc) in a part, part, whole model (three hoops). How many are there all together? Can we make a quick estimate/good guess? Count 1st set. Count 2nd set and match to numicon plates. Push them together into the top hoop. Which plate will match this one? Model counting on with big number in head first. Repeat several times.</p>	<p>Warn up: Hidden Number: Use numbers 1-15 Buzzy bee/soft toy or teddy hides a number. <i>What is the missing number? How do you know? Is there a quicker way? (if they count from 1)</i> Repeat several times.</p> <p>Input: Teach: Reading a number sentence Show chd a written number sentence to match the number shape addition to 5 sheet. You could write these under the Numicon shapes on the page or for more challenge on slips of paper to match to the questions on the sheet. <i>What does the + sign mean? How many holes are there all together?</i> Model counting the first set of holes. <i>Do I need to count these?</i> Remind Children of super quick addition: Model putting the first number in your head & count on, touching the holes on the 2nd set. <i>What is the total number? Does it matter which number I put in my head first? Do you still get the same answer?</i></p>	<p>Warm up: Estimating: Uncover to reveal a quantity of objects/mini people etc then cover again. How many do you think there are? Do you think there are more than 5? Less than 10? More than 10?</p> <p>Input: Teach: counting on Pick 2 numicon plates form a bag. <i>How many holes altogether? Push them together. Do I need to count from 1? What number should I count from? Which plate is the biggest?</i> Put the number in your head and count on. Model making the other number with fingers, then counting on, touching the fingers on your nose as you count on. <i>When should I stop counting on?</i> <i>Show the numicon shapes on a part part whole format and model writing sentence.</i></p>	<p>Warm up: Ordering numbers: Pick out 3 Numicon shapes. Which is the largest? Which has the least number of holes? Can you put them in order from smallest to largest? Can your child Explain how they know where they go? Repeat a few times, extend to 4 or 5 numbers/Numicon shapes.</p> <p>Input: Teach: Model counting on with domino addition. Count the two sets. Which is bigger? Put this number in your head and count on the smaller set, touching each one as you count on. Record using a number sentence & part part whole format moving Numicon pieces on to the bubbles to match the number sentence.</p>
Number Task	<p>You can complete this activity when it fits into your week:</p> <p>Level 1 – play a board game or make a simple number track. Roll 2 dice to move on. Count all the dots to find the total, have a go at counting on. Which dice shows the largest number?</p> <p>Level 2 – pick out 2 number cards from a bag or sock. Match them to the Numicon pieces. Write a number sentence to match them.</p> <p>Level 3 – missing number to 10 addition sheet. Write in the number that is missing.</p>				
Activities to Choose From	<p>Choose the activities that your child might like to complete throughout the week:</p> <ul style="list-style-type: none"> • Play skittles with empty bottles with points to 5 marked on, find your total score • Label buckets/waste paper bins/saucepans with numbers and throw screwed up paper in. find your total score with 2 balls of paper. • Play games with 2 dice, find the total by counting on • Make towers of lego of different heights to 10. Join two towers and count on to find the new height. Write a number sentence to match. • Write some addition number sentences onto clothes pegs. Pin the peg onto the edge of a piece of paper/paper plate with the matching total written on it. Do some pegs look different but, make the same total? 				