














Addition, Subtraction, Multiplication and Division: Gone Fishing

<p>Aim: Divide numbers up to four digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.</p> <p>I can divide numbers by a one-digit number using short division.</p>	<p>Success Criteria:</p> <p>I can use known multiplication facts to complete calculations.</p> <p>I understand why place value is important whilst performing written calculations.</p> <p>I can use a written method to solve a calculation.</p> <p>I can divide numbers by a one-digit number using short division.</p>	<p>Resources:</p> <p>Lesson Pack Paperclips Magnets Scissors Glue Sticks Calculators</p> <p>Cut out and attach a paperclip to each fish included in one of the Gone Fishing Activity Sheets. Place the fish into a container, such as a bowl.</p>
	<p>Key/New Words:</p> <p>Division, divide, how many, short division, place value, calculation, number sentence, written method, dividend, divisor.</p>	<p>Preparation:</p> <p>Differentiated Gone Fishing Activity Sheets - 1 per pair Short Division Record Sheet - 1 per child Extra Challenge Activity Sheet - as required</p>

Prior Learning: It will be helpful if children understand place value and know their multiplication facts up to 12×12 prior to the lesson.

Learning Sequence

	<p>What's My Number? Using the slides from the Lesson Presentation, children find the missing number in the calculations.</p>	
	<p>Tackle Shop: Revise the written strategy, short division, by talking through the information on the Lesson Presentation. Repeat with additional examples if necessary.</p>	
	<p>Biggest Fish: Using the Lesson Presentation, the children find out which of the fishes weighs the most by completing the calculations using the formal written method, short division. <i>Can the children explain how they completed the calculation? Did they choose to use short division? Did any known facts help them to complete the calculation? Did the children check their answer?</i></p>	
	<p>Gone Fishing: Explain to the children that they will be completing a range of questions on the differentiated Gone Fishing Activity Sheet that will require them to perform calculations using the strategy demonstrated earlier in the lesson.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Children complete the one and two-digit division calculations using the written method, short division on each fish and then sort the fish (by their answer) into the correct tank. Children can use the Short Division Record Sheet to help work their answers out.</p> </div> <div style="text-align: center;">  <p>Taking turns, children select a fish using a magnet. Once selected, the child completes one and three-digit division calculations using the written method, short division on the Short Division Record Sheet.</p> </div> <div style="text-align: center;">  <p>Taking turns, children select a card, read the division problem and then complete the one and four-digit division calculation using the written method, short division on the Short Division Record Sheet. The scoring method and further instructions are available within the resource. An Extra Challenge Activity Sheet is provided as an extension activity if required.</p> </div> </div>	
	<p>Proud Moment: Ask children to select a something from today's lesson that they are proud of. This could be a particular calculation or part of the written calculation process that they have improved.</p>	

Masterit

Masterit: Children complete the challenging calculations on this fabulous **Formal Division Maths Mastery PowerPoint**.

Makeit: Children design their own short division game.