

eats certain numbers, but lets the rest pass through to make a worm-cast.

- Demonstrate a simple number worm eating up numbers larger than 10 (use numbers 1–20), but letting the rest pass through into the cast.
- Tell the children that they are going to work as a team of three to catch number worms. Each person has a role and a badge: the Spotter chooses which worm to investigate and decides whether the worm is a big problem (has eaten a lot of numbers) and needs to be taken to a different beach; the Tester puts numbers into the worm (writes the numbers into the final column on the worksheet); the Examiner examines the worm-cast (checks that the answers on the worksheet are correct).
- Arrange the children into teams of three and allocate the different roles.
- Work through one example from the number worm worksheet on page 58 and

remind the children of their roles and how important it is to the success of the task to keep to their team roles.

- Distribute copies of the number worm worksheets (one for each team) and begin learning.

Drawing together

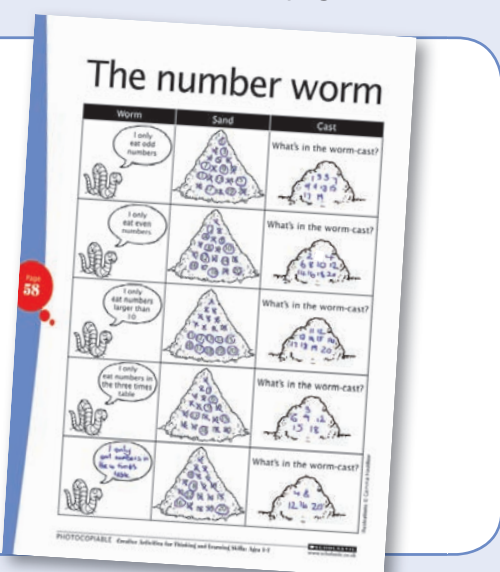
- Call the teams back together and ask them to share their findings
- Prompt them to think about their teamwork and to assess themselves using the success criteria from the chart below.
- Ask each team to decide on one thing that they were really proud of in their task and one thing that they would like to do better next time.

Support

You could adapt the number worms to make the number problems easier and arrange for adult support if necessary.

Extension

Fill the 'sand' with larger numbers or provide more complex number worms and challenge the children to create and examine the new worms. Increase the team sizes to four and add a tide watcher, limiting the time to complete the task. Repeat the task and expect the target for improvement to occur in the same lesson.



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Levels of success

Must 	Should 	Could 
<ul style="list-style-type: none"> ✓ No one did their job ✓ No worms were investigated ✓ The team argued 	<ul style="list-style-type: none"> ✓ 2 people did their jobs ✓ Most worms were investigated ✓ There was a bit of disagreement 	<ul style="list-style-type: none"> ✓ Everyone did their job ✓ All worms were investigated ✓ Everyone helped each other