

Tool Time

Approach: One to one

Level: Year 4 and year 8

Resources: Metal can-opener with twisted handles; small can of spaghetti.

<i>Questions/instructions</i>	<i>% responses</i>			<i>% responses</i>	
	<i>y4</i>	<i>y8</i>		<i>y4</i>	<i>y8</i>
In this activity I want you to try to explain how something works. Give student the can opener Have a look at this piece of equipment.					
1. What is this used for?			Knew use	95	100
2. Do you have one like this at home?			Yes	73	76
3. Have you used one of these?			Have used one	77	89
If the student doesn't know, tell them it is a can opener. Give the student the can.					
4. Here is a can. Can you explain to me how the can opener works without opening the can?			Explanation of use		
			full and clear	15	35
			partial	52	50
			inadequate	33	15
5. Why do you think the flat piece of metal has been twisted?			Reason for twisted handles	74	88
6. Have you any ideas on how this can opener could be improved so that when people see one in shops they would really like to buy one?			Good ideas for improvement		
			operational	39	59
			decorative	47	60