

Date

Name

Knowledge and skills catcher: Evolution and inheritance

Some pupils want to investigate how beaks are adapted for different shaped foods. They use a pair of tweezers, representing the beak, to pick up different foods. The results table is below:

Food picked up	Number of pieces picked up in 10 seconds			
	Test 1	Test 2	Test 3	Mean average
Lentils	10	10	13	
Peas	2	3	5	3.3
Pasta	8	6	7	7

1

Work out the missing mean average in the results table and write it in.

2

Which food is the pretend beak **best adapted** to pick up?

3

If this was a real bird, what might happen to it?

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	Test 1	Test 2	Test 3	Mean average
Lentils	10	10	13	
Peas	2	3	5	3.3
Pasta	8	6	7	7

4 Which food is the pretend beak **least adapted** to pick up?

5 If this was a real bird that could only find this food, what might happen to it?

6 Give an example of a change to the environment that could affect how well a bird is adapted for survival.
