

# PE Activity Worksheet

## Living things and their habitats: Adaptations in caterpillars

Caterpillars name	Time taken to reach the food plant (in seconds)			
	Exercise 1 in Habitat type 1	Exercise 2 in Habitat type 2	Exercise 3 in Habitat type 3	In which habitat did the caterpillar reach the food plant in the <b>fastest</b> time? 1, 2 or 3?

Look at the times that have been recorded in the Table (above) for each caterpillar. For each caterpillar, write down whether they reached the food plant in the **fastest** time in either habitat type 1, 2 or 3 – write this the final column of the Table (in the column labelled: in which habitat did the caterpillar reach the food plant in the fastest time?). Using this information, answer each of the questions on the next page.

## Question 1

How many caterpillars reached the food plant in the fastest time in:

- a) Habitat type 1.....
- b) Habitat type 2.....
- c) Habitat type 3.....

## Question 2

- a) In which habitat type did most of the caterpillars reach the food plant in the fastest time?

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- b) Why do you think that the caterpillars were able to reach the food plant so quickly in this habitat type?

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## Question 3

Many different things can affect how fast a caterpillar is able to move to find a food. From the list below, circle or tick any of these things that you think will change how fast a caterpillar will move:

The size of the caterpillar

How hungry the caterpillar is

The colour of the caterpillar's body