

Physical and behavioural adaptation

STUDENT BOOK pp. 245, 305

1. Which statement does **not** apply to the concept of adaptation?

Check the correct answer.

- a) Process by which certain populations change to improve their chances of survival and reproduction in a particular environment. ☐
- b) Physical characteristic that makes life easier for a species in its environment. ☐
- c) Physical transformation that is never passed down from one generation to the next. ☐
- d) Behaviour that makes life easier for a species in its environment. ☐

2. Looking at the statements in question 1:

- a) Which one is an example of physical adaptation? _____
- b) Which one is an example of behavioural adaptation? _____

3. Indicate if each statement concerns physical or behavioural adaptation.

Check the correct answers.

	Physical adaptation	Behavioural adaptation
a) The chameleon can change colour to conceal itself.	<input type="checkbox"/>	<input type="checkbox"/>
b) Monarch butterflies migrate to warmer climates to escape Québec's cold winters.	<input type="checkbox"/>	<input type="checkbox"/>
c) The polar bear's thick fur protects it from the icy cold.	<input type="checkbox"/>	<input type="checkbox"/>
d) The beaver has very sharp teeth to chop down trees.	<input type="checkbox"/>	<input type="checkbox"/>
e) All wolves in a pack cooperate when hunting large prey.	<input type="checkbox"/>	<input type="checkbox"/>
f) The chimpanzee sometimes uses a leaf to scoop up water to drink.	<input type="checkbox"/>	<input type="checkbox"/>

4. Why are certain species around the world endangered?
