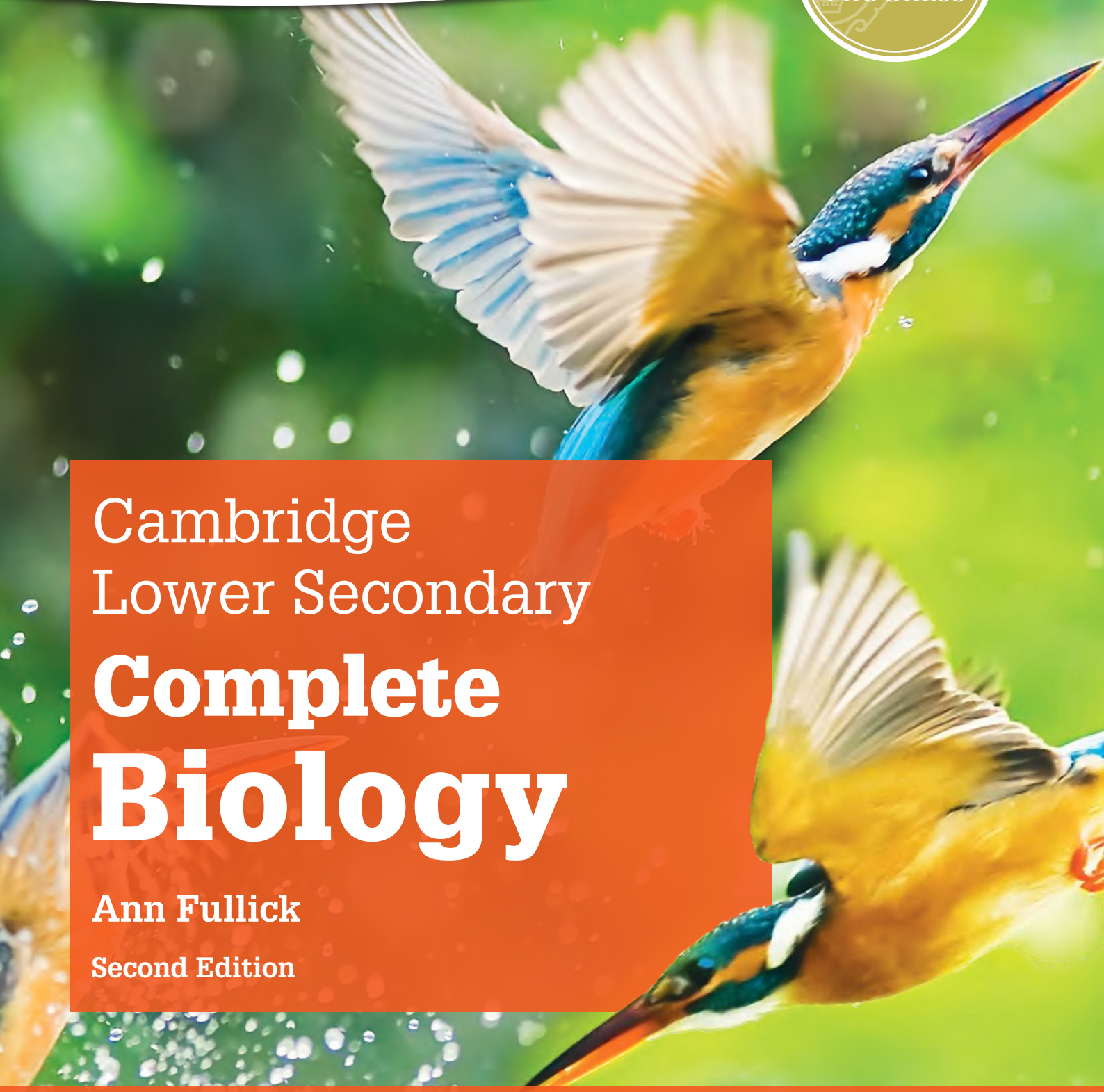
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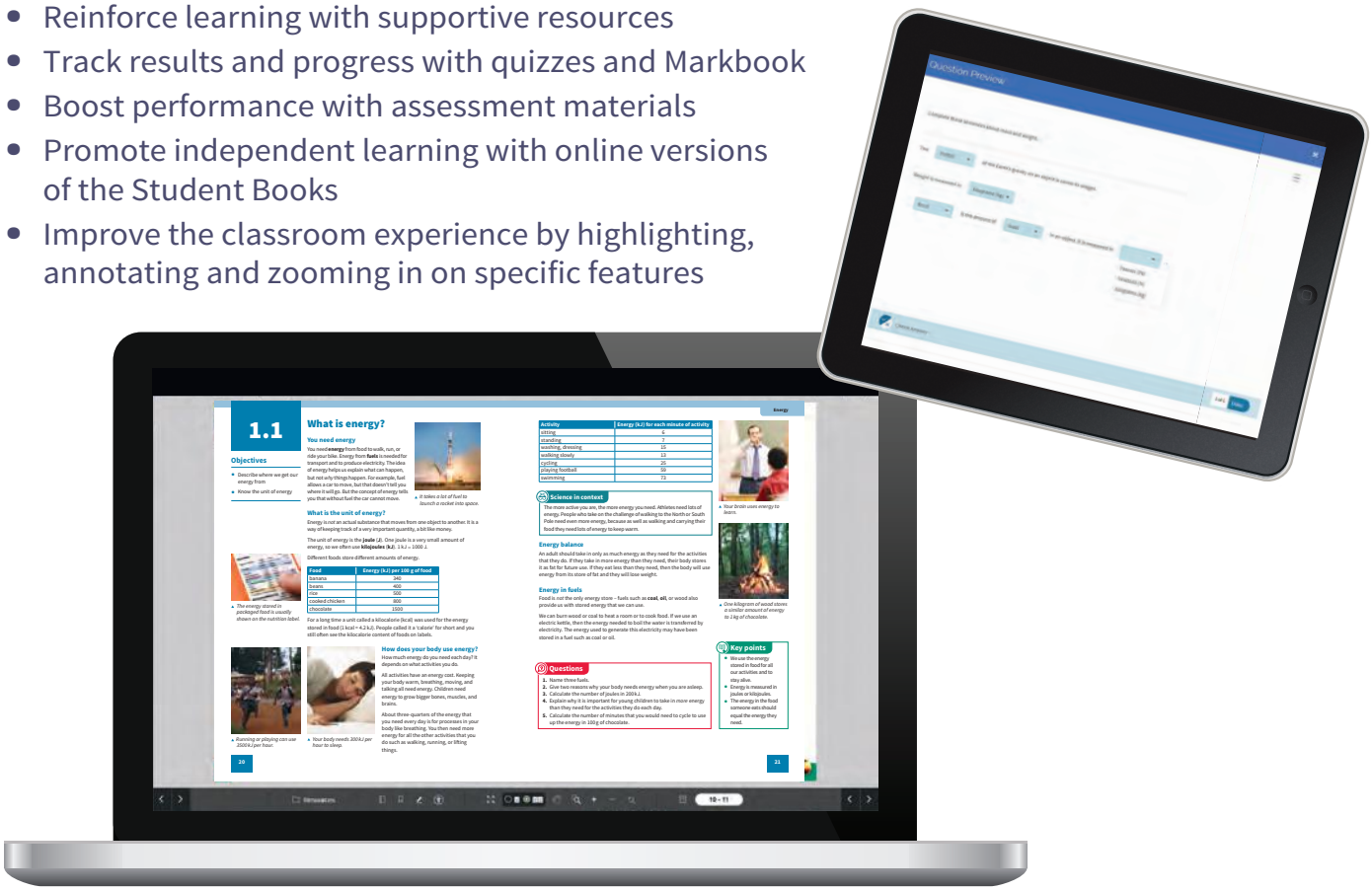
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1. Choose the best words from the box below to complete the following sentences.

infertile	world	Latin	hybrids	characteristics	species

A species is a group of plants or animals that share many of their …… . Members of the same …… can breed with each other to produce offspring that are also able to breed. Each species has been given a two-part …… name that is used all over the …… . Members of different species do not usually breed with each other. Those that do usually have …… offspring called …… .

2. The two-part Latin name for a zebra is *Equus zebra*. Decide whether the animals below are from the same species, similar species or very different species from the zebra.

a. Write their names in the correct columns in the table.

Equus ferus *Tetracerus quadricornis* *Syncerus caffer* *Equus africanus*

Same species	Related species	Very different species

b. Explain your choices.

.....

.....

3. Read statements a–e below. Write T after the ones that are true and F after the ones that are false. Write the correct version of false statements on the lines below.

a. Similar species share the same two-part Latin name. ……

b. Members of the same species should produce fertile offspring. ……

c. Members of the same species always look similar. ……

d. A hybrid is born when animals from different species breed. ……

e. Members of different species usually have fertile offspring if they breed. ……

……

……

……

Extension

A dzo is a cross between a yak and domestic cow. It is much stronger than either of its parents and grows faster.

a. Suggest why dzos have not been bred to form large herds, despite being more useful than both cows and yaks.

b. Yaks and dzos look quite similar. Suggest how scientists could distinguish between them.

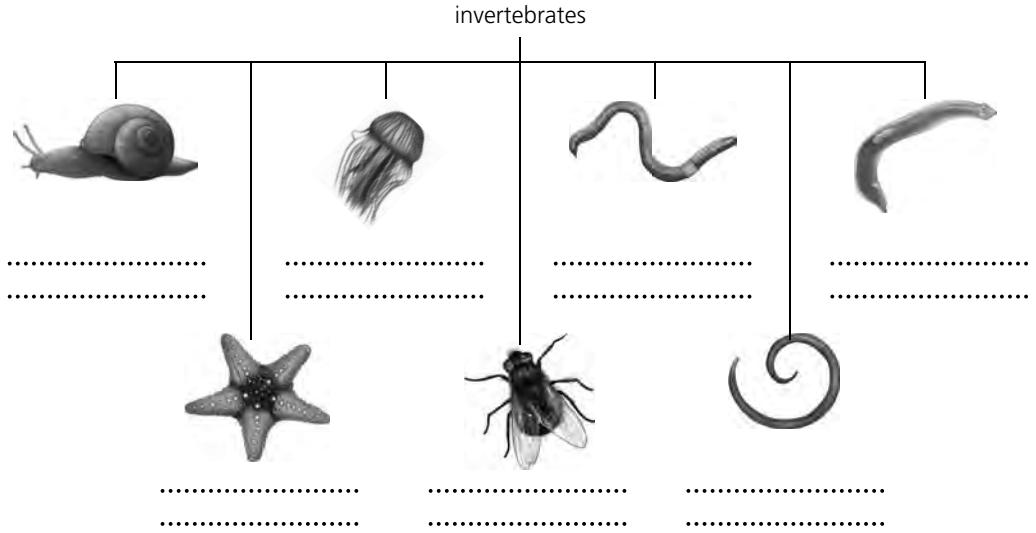
1.4 Classifying invertebrate animals

1. Choose the best words from the box below to complete the following sentences.

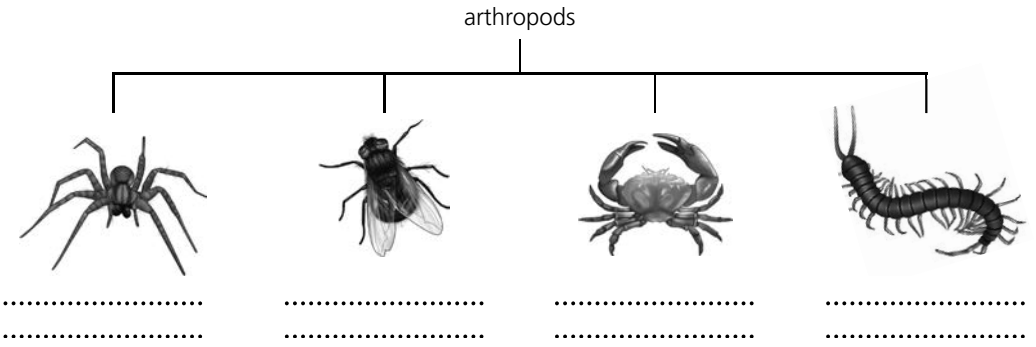
groups	characteristics	differences	classification	species	backbones

Scientists use similarities and …… to put living things into …… . This is …… . The major groups of animals are vertebrates, which have …… and invertebrates, which do not. These are subdivided into smaller and smaller sub-groups with different …… . The smallest sub-group is a …… .

2. The diagram shows one animal from each invertebrate group. Label the diagram. State the name of each invertebrate group and describe one of the main characteristics that animals in the group share.



3. The diagram below shows four groups of arthropods. Label the diagram. State the name of each invertebrate group and describe one of the main characteristics that animals in the group share.



Extension

a. The drawing on the right shows a type of invertebrate. State what type of invertebrate it is and explain how you identify it from other arthropod and invertebrate groups.



b. i. These diagrams are secondary sources. Explain what this means.

ii. Give one advantage and one disadvantage of using secondary sources instead of direct observation.

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