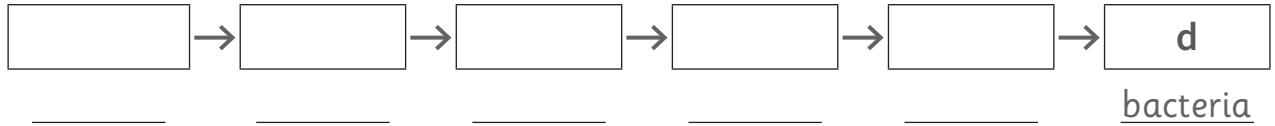


# 3

## THE BIOSPHERE

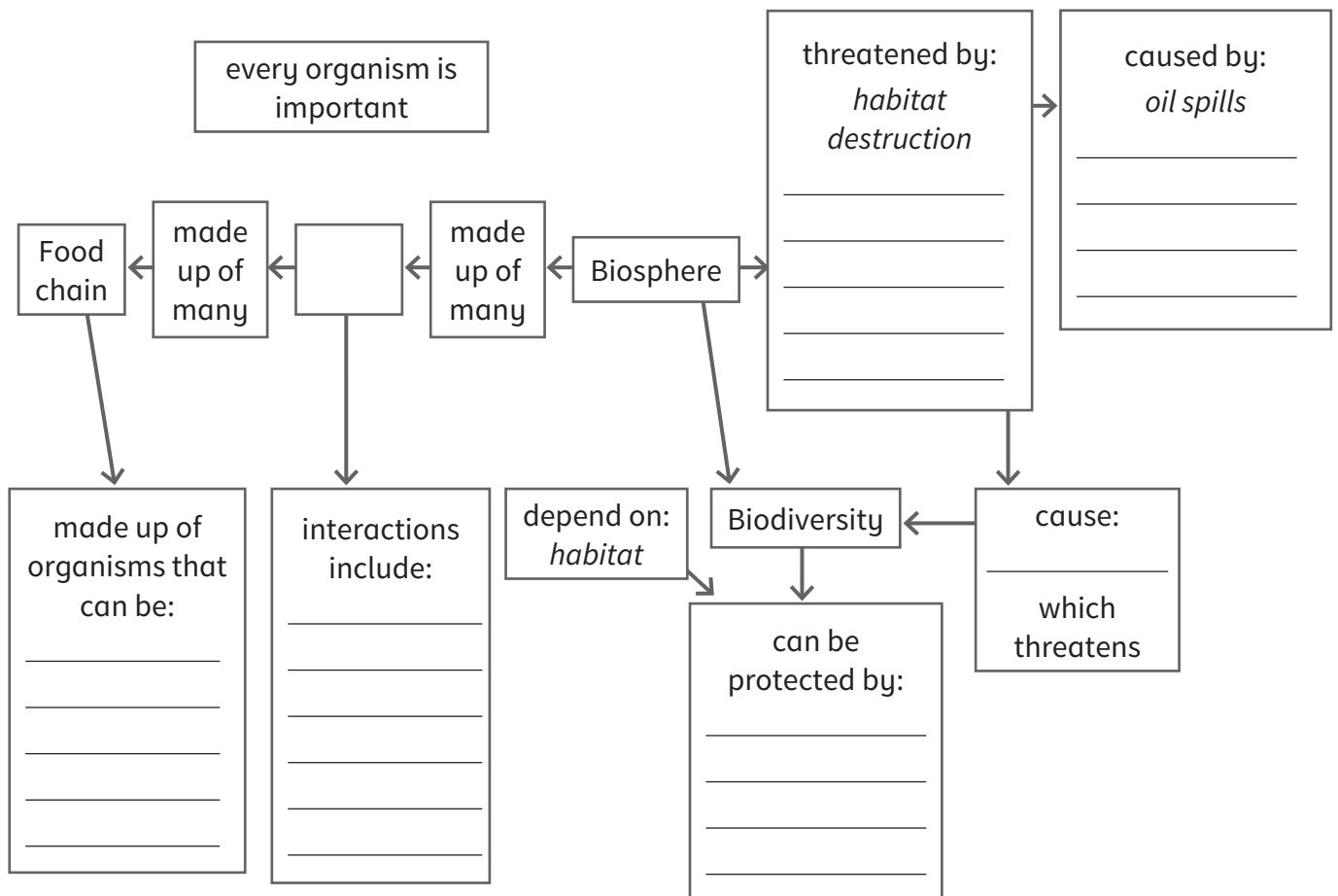
Name: ..... Class: .....

**1** Order the following sentences to describe a food chain. Write a-f in the boxes below. Then, write an example under each.



- a) Tertiary consumers eat secondary consumers.
- b) Producers use light to make their own food.
- c) Primary consumers are eaten by secondary consumers.
- d) Decomposers break down organisms into nutrients.
- e) The sun produces light.
- f) Primary consumers eat producers to get energy.

**2** Complete the graphic organiser about food web relationships. Can you add more information?



**3 Write definitions for the following unit vocabulary in your own words.**

a) biodiversity:

The variation of life on our planet.

---

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b) biosphere:

---

---

c) food web:

---

---

d) pollution:

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---

e) extinction:

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f) nature reserve:

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**4 What is the difference between cooperation and competition? Write an explanation. Then, give an example of each.**

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Cooperation: \_\_\_\_\_

---

---

Competition: \_\_\_\_\_

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# 3

## THE BIOSPHERE

Name: ..... Class: .....

**1 Rearrange the letters to form words from the unit.**

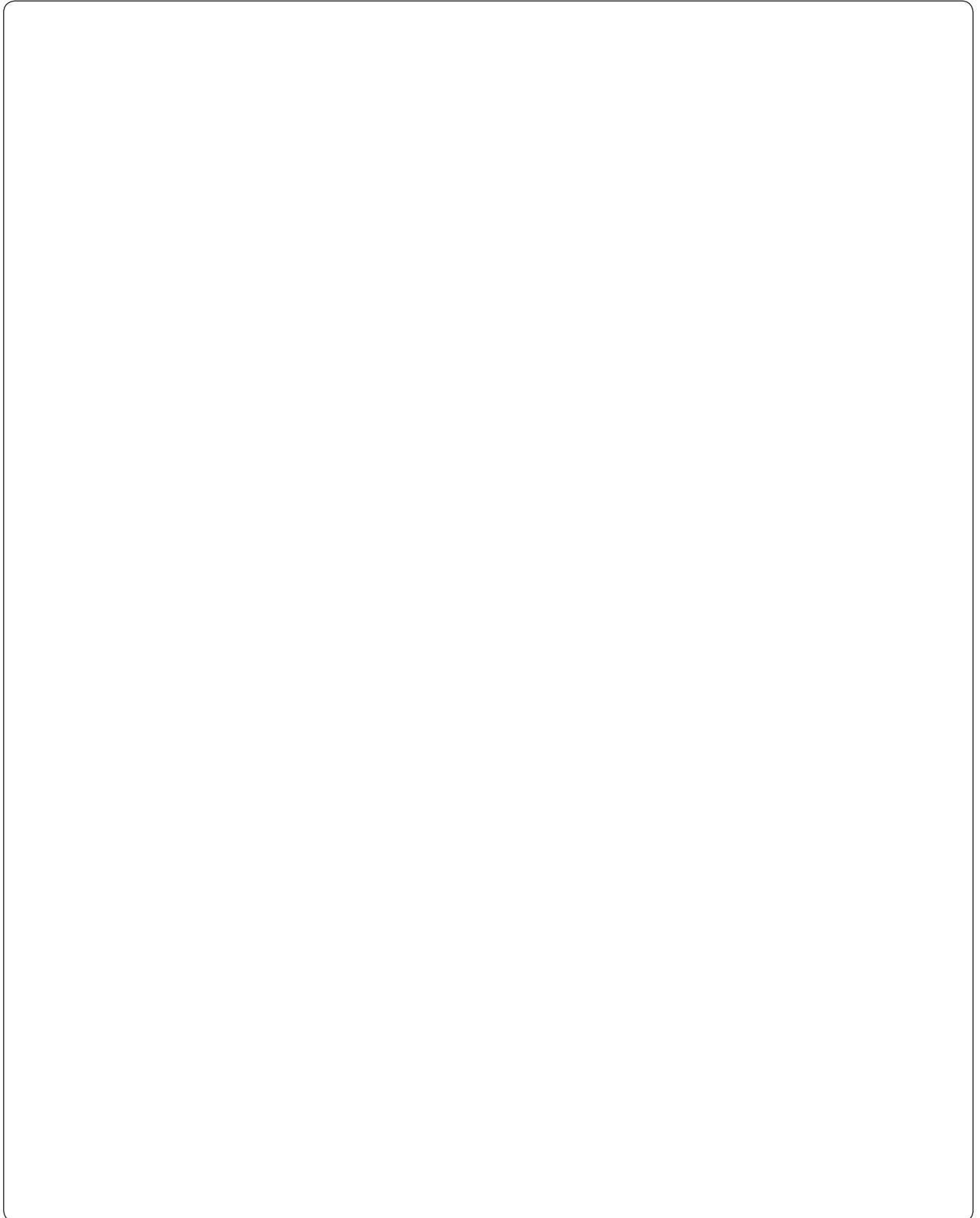
- |                 |                   |                |       |
|-----------------|-------------------|----------------|-------|
| a) CIINNXTTOE   | <u>extinction</u> | b) RDEPROTA    | _____ |
| c) NTLOLUPOI    | _____             | d) RTEYAITR    | _____ |
| e) SEOPEBRIH    | _____             | f) SMONERUC    | _____ |
| g) DECYRASON    | _____             | h) VERACENGs   | _____ |
| i) TREDOANSETOI | _____             | j) POITEOCITMN | _____ |

**2 Use each word in a sentence, then underline the word.**

- a) biodiversity  
 All the species on the Earth make up its biodiversity.
- b) primary consumer  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- c) prey  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- d) cooperation  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- e) extinction  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
- f) global warming  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- 3** Choose an organism, then draw them in their habitat. Include the items from the box. Then, hide the words from the box in the drawing and colour it.

destruction overhunting host nature reserve  
oil spill parasite producer

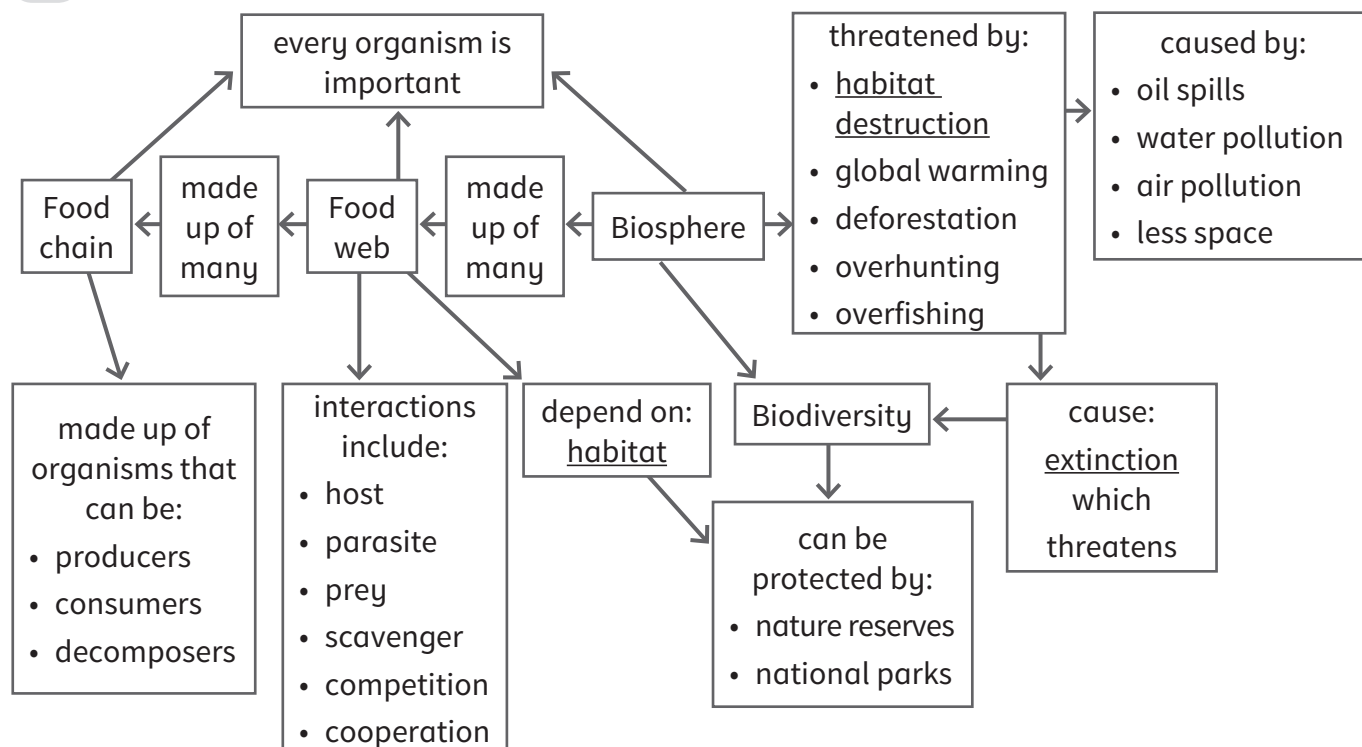


# 3

## ANSWERS

- 1 e, b, f, c, a  
Students' own answers.

2



- 3 b) The sum of all the ecosystems on our planet.  
c) Many food chains that are all connected.  
d) When air or water is too dirty to drink or live in because of contamination.  
e) When no individual of a species remains because they have all died out.  
f) A special area to protect wildlife and their habitats.

- 4 Cooperation is when organisms help other organisms, and both benefit from the relationship. Competition is when organisms compete with other organisms, with one organism losing.

**Cooperation (Example answers):** Animals live in groups to ensure each individual has enough food and protection. Animals help plants with pollination.

**Competition (Example answers):** Male animals fight to mate with a female animal. Two organisms both prey on another organism. Plants grow faster to fight for sunlight.

# 3

## ANSWERS

- 1**
- a) extinction
  - b) predator
  - c) pollution
  - d) tertiary
  - e) biosphere
  - f) consumer
  - g) secondary
  - h) scavenger
  - i) deforestation
  - j) competition
- 2** Model answers:
- a) *All the species on the Earth make up its biodiversity.*
  - b) A cow is a primary consumer because it eats grass, which is a producer.
  - c) Zebras are prey of lions.
  - d) In cooperation, both organisms benefit from one another.
  - e) Overhunting pushes many species to extinction.
  - f) In the future, more and more species will be affected by global warming because their habitats are being destroyed.
- 3** Students' own answers.