KS3 SCIENCE · BIOLOGY

Ecosystems

Word search

I	D	P	C	O	N	S	U	M	E	R	C
E	R	E	O	A	T	S	S	F	N	N	P
H	C	C	C	P	L	P	I	S	H	H	R
W	A	O	A	O	U	M	E	V	R	E	O
C	S	B	S	R	M	L	E	A	U	R	D
T	U	R	I	Y	N	P	A	N	F	B	U
V	Y	H	Y	T	S	I	O	T	U	I	C
H	S	T	P	O	A	T	V	S	I	V	E
Y	U	G	S	H	N	T	E	O	E	O	R
E	U	L	O	G	L	V	H	M	R	R	N
N	C	O	M	M	U	N	I	T	Y	E	F
S	C	O	M	P	E	T	I	T	I	O	N

Find these 10 words

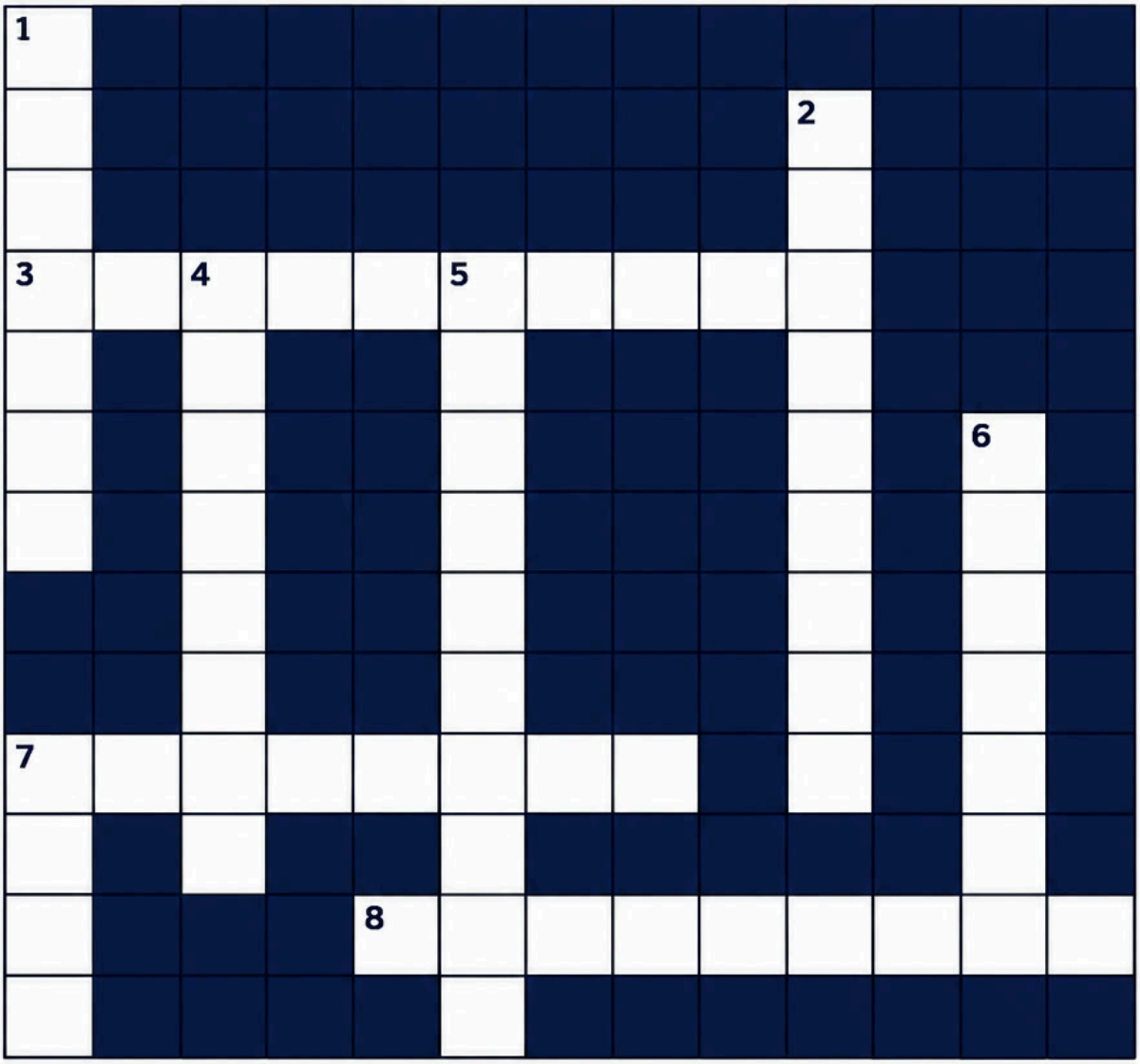
- ☐ CARNIVORE
- ☐ COMMUNITY
- ☐ COMPETITION
- ☐ CONSUMER
- ☐ DECOMPOSER
- ☐ ECOSYSTEM
- ☐ HABITAT
- ☐ HERBIVORE
- ☐ POPULATION
- ☐ PRODUCER

Words go across, down or diagonally. Spaces are left out.

KS3 SCIENCE · BIOLOGY

Ecosystems

Crossword



Across

3 Breaks down dead plants and animals, so nutrients are recycled (10)

7 An animal that hunts and eats other animals (8)

8 All the populations that share a habitat (9)

Down

1 Food chains from one ecosystem joined together (4,3)

2 An animal that eats only other animals (9)

4 An animal that eats plants or other animals (8)

5 All the living things of one species in an area (10)

6 The place where a living thing lives (7)

7 An animal that is hunted and eaten (4)

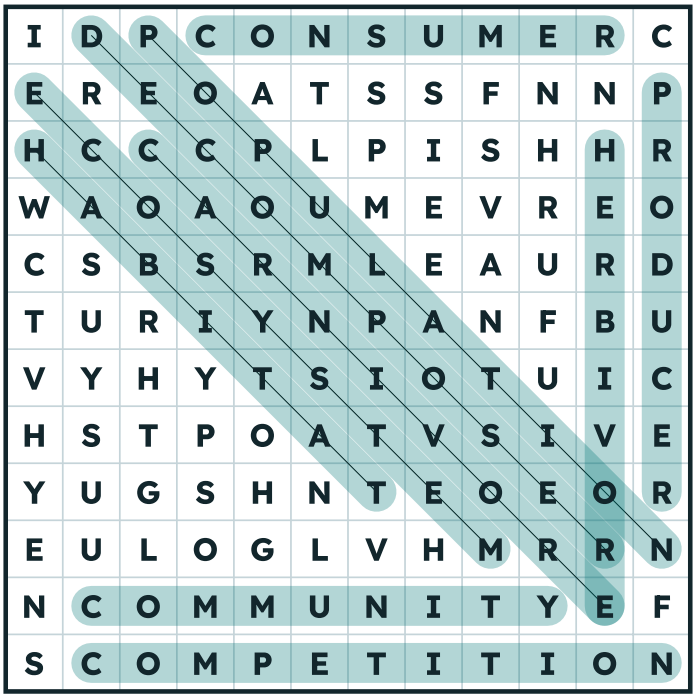
The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY

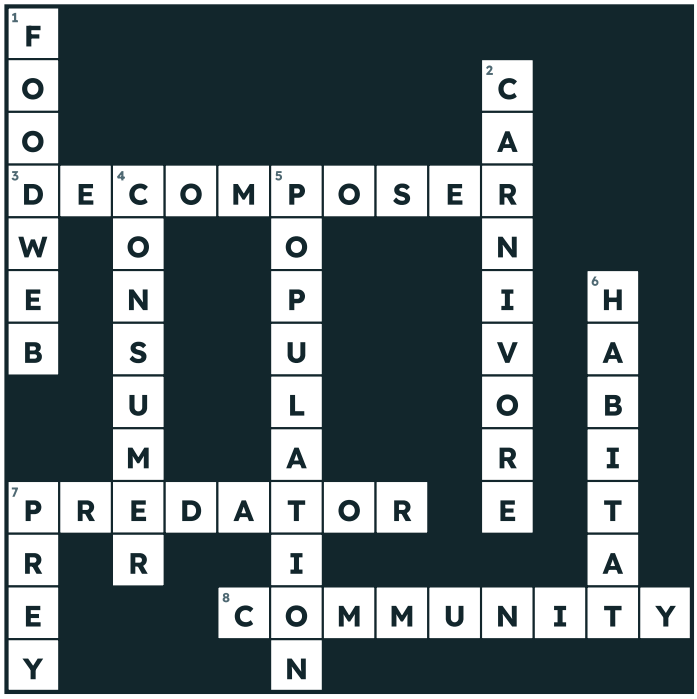
Ecosystems

Answers

Word search



Crossword



Across

3 Decomposer
Breaks down dead plants and animals, so nutrients are recycled (10)

7 Predator
An animal that hunts and eats other animals (8)

8 Community
All the populations that share a habitat (9)

Down

1 Food web
Food chains from one ecosystem joined together (4,3)

2 Carnivore
An animal that eats only other animals (9)

4 Consumer
An animal that eats plants or other animals (8)

5 Population
All the living things of one species in an area (10)

6 Habitat
The place where a living thing lives (7)

7 Prey
An animal that is hunted and eaten (4)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems page of the KS3 Science revision site.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 1

Food chains

Word search

P	E	T	R	C	H	W	A	F	T
R	E	C	F	O	C	G	G	M	E
E	O	P	O	N	T	S	M	H	R
D	H	R	O	S	N	F	Y	P	T
A	E	O	D	U	Y	T	I	R	I
T	N	D	C	M	U	S	O	O	A
O	E	U	H	E	W	O	T	W	R
R	R	C	A	R	M	L	Y	E	Y
U	G	E	I	N	M	V	W	L	M
A	Y	R	N	I	A	R	R	O	W

Find these 8 words

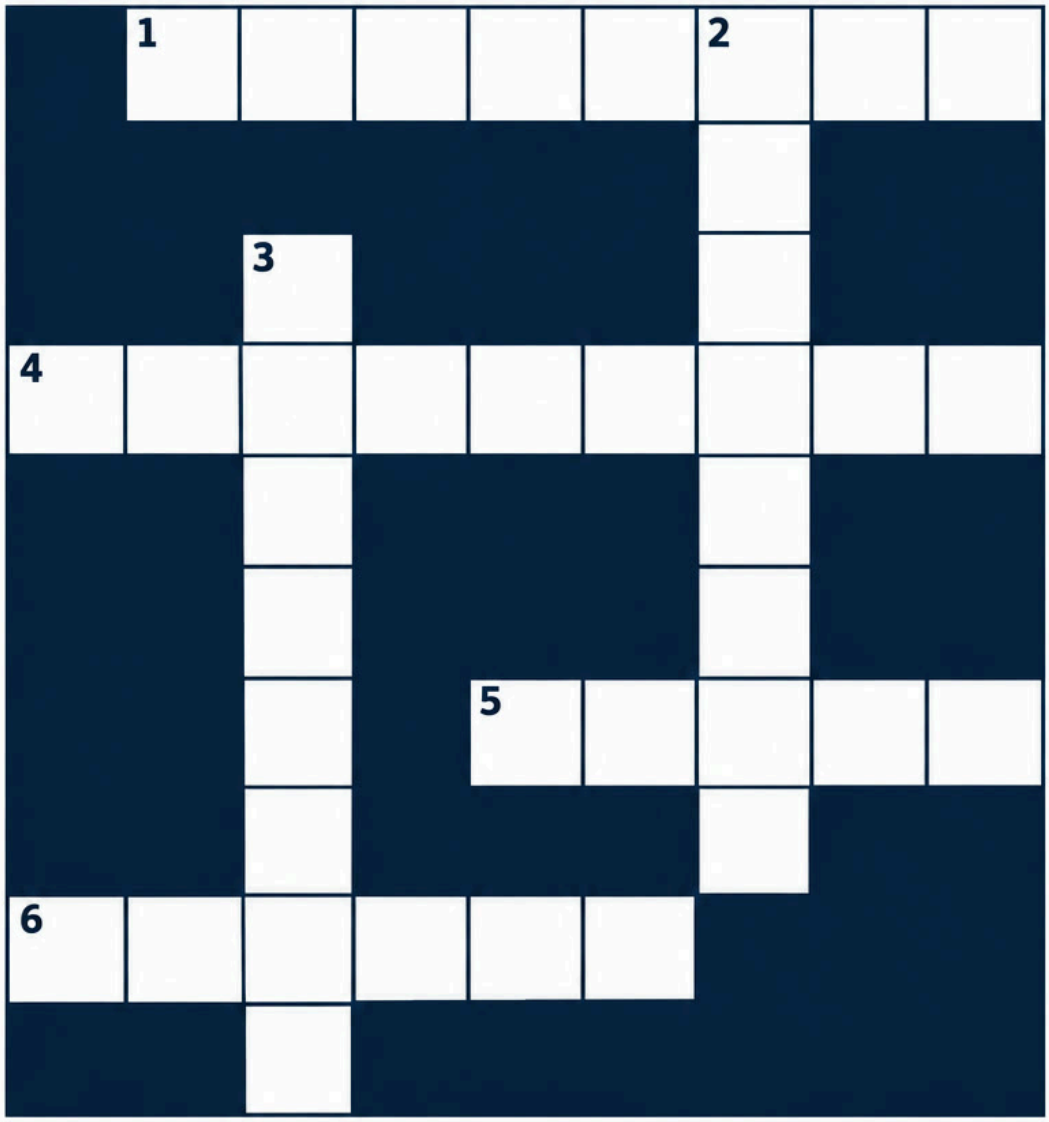
- ☐ ARROW
- ☐ CONSUMER
- ☐ ECOSYSTEM
- ☐ ENERGY
- ☐ FOOD CHAIN
- ☐ PREDATOR
- ☐ PRODUCER
- ☐ TERTIARY

Words go across, down or diagonally. Spaces are left out.

KS3 BIOLOGY • ECOSYSTEMS • LESSON 1

Food chains

Crossword



Across

1 The top one ends the line of eating, because nothing hunts it (8)

4 The living things in an area and their non-living surroundings (9)

5 It points from the food to the living thing that eats it (5)

6 What is transferred from grass to the rabbit, then to the fox (6)

Down

2 Describes the feeding stage that comes after secondary (8)

3 Primary and secondary are two kinds of this (8)

The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY · ECOSYSTEMS

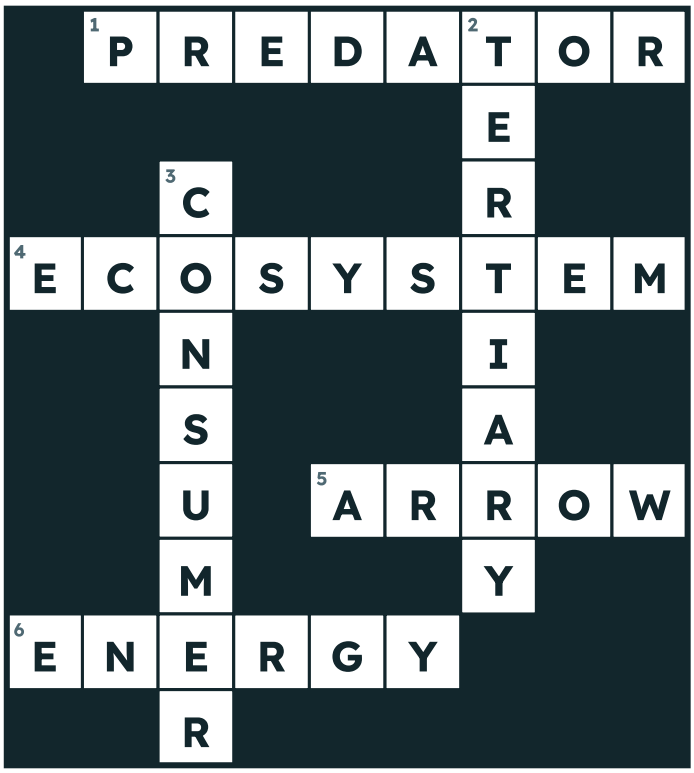
Lesson 1: Food chains

Answers

Word search



Crossword



Across

1 Predator
The top one ends the line of eating, because nothing hunts it (8)

4 Ecosystem
The living things in an area and their non-living surroundings (9)

5 Arrow
It points from the food to the living thing that eats it (5)

6 Energy
What is transferred from grass to the rabbit, then to the fox (6)

Down

2 Tertiary
Describes the feeding stage that comes after secondary (8)

3 Consumer
Primary and secondary are two kinds of this (8)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems lesson 1 page of the KS3 Science revision site.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 2

Food webs

Word search

D	H	P	A	I	D	E	R	B	C
N	E	E	R	W	E	E	T	O	A
B	U	C	R	E	F	G	D	M	R
A	F	T	O	B	D	E	N	N	N
C	U	O	R	M	I	A	B	I	I
T	H	S	O	I	P	V	T	V	V
E	C	H	A	D	E	O	O	O	O
R	T	O	G	C	W	N	S	R	R
I	N	D	I	L	M	E	T	E	E
A	P	H	U	U	H	O	B	S	R

Find these 8 words

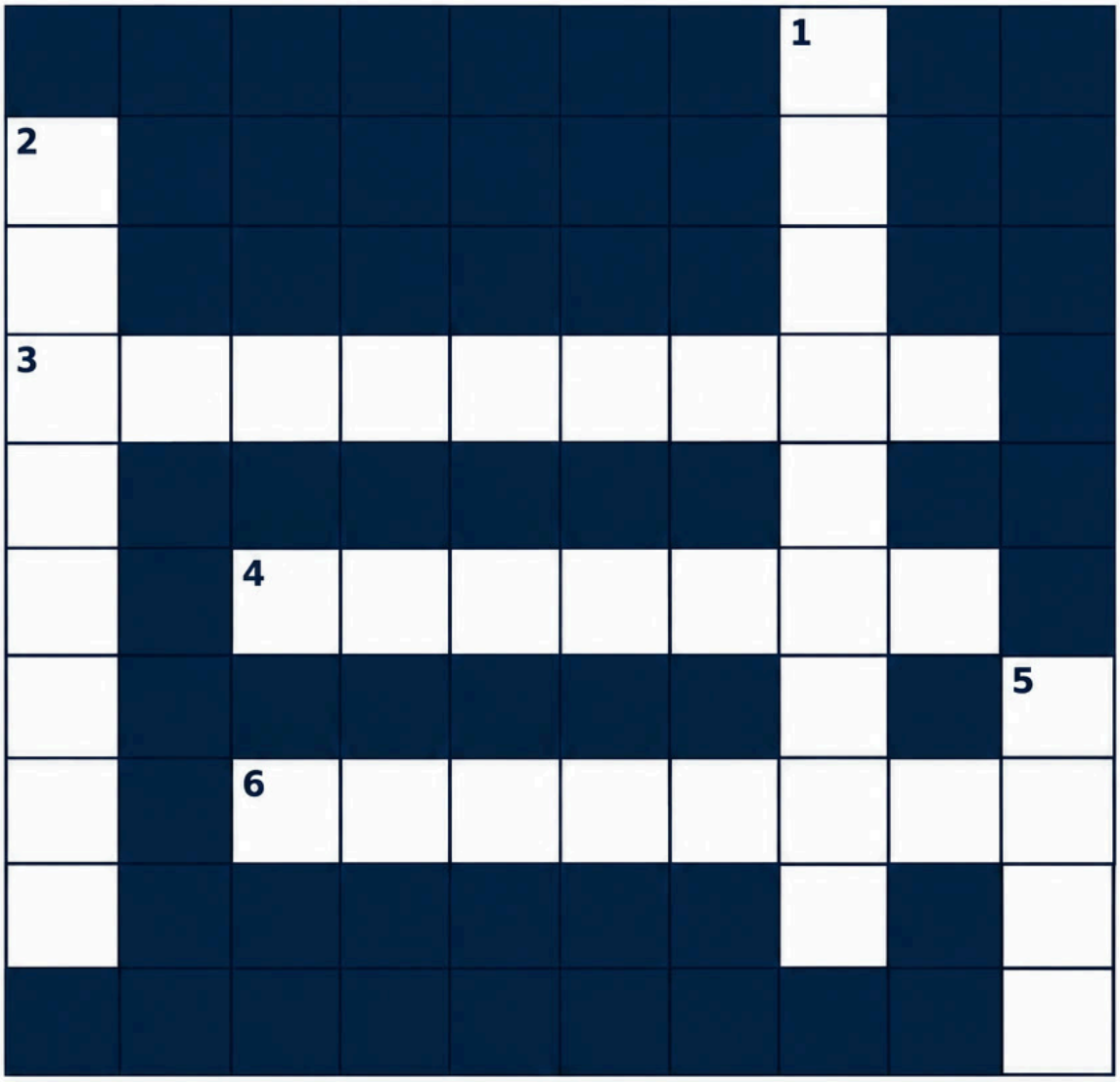
- ☐ BACTERIA
- ☐ CARNIVORE
- ☐ DECOMPOSER
- ☐ FOOD WEB
- ☐ HERBIVORE
- ☐ NUTRIENTS
- ☐ OMNIVORE
- ☐ PREDATOR

Words go across, down or diagonally. Spaces are left out.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 2

Food webs

Crossword



Across

3 An animal that eats only other animals (9)

4 Food chains from one place joined together (4,3)

6 It hunts and eats other animals (8)

Down

1 What is put back for producers to use again (9)

2 Tiny living things that, with fungi, break down dead plants, dead animals and waste (8)

5 An animal that is hunted and eaten (4)

The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY · ECOSYSTEMS

Lesson 2: Food webs

Answers

Word search



Crossword



Across

3 Carnivore
An animal that eats only other animals (9)

4 Food web
Food chains from one place joined together (4,3)

6 Predator
It hunts and eats other animals (8)

Down

1 Nutrients
What is put back for producers to use again (9)

2 Bacteria
Tiny living things that, with fungi, break down dead plants, dead animals and waste (8)

5 Prey
An animal that is hunted and eaten (4)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems lesson 2 page of the KS3 Science revision site.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 3

Interdependence

Word search

C	C	O	M	P	E	T	I	T	I	O	N
P	G	P	O	P	U	L	A	T	I	O	N
O	C	S	T	U	O	W	L	M	N	V	M
L	M	U	U	S	F	H	Y	G	M	S	T
L	Y	I	P	R	V	L	M	V	L	P	L
U	H	G	N	R	V	O	I	V	S	E	M
T	U	N	E	V	E	I	H	C	I	C	G
I	W	F	W	F	A	D	V	D	S	I	V
O	R	E	M	U	I	S	A	E	B	E	T
N	M	U	R	W	M	S	I	T	C	S	T
D	D	I	S	E	A	S	E	V	O	E	T
G	O	U	G	A	I	G	S	R	E	R	R

Find these 8 words

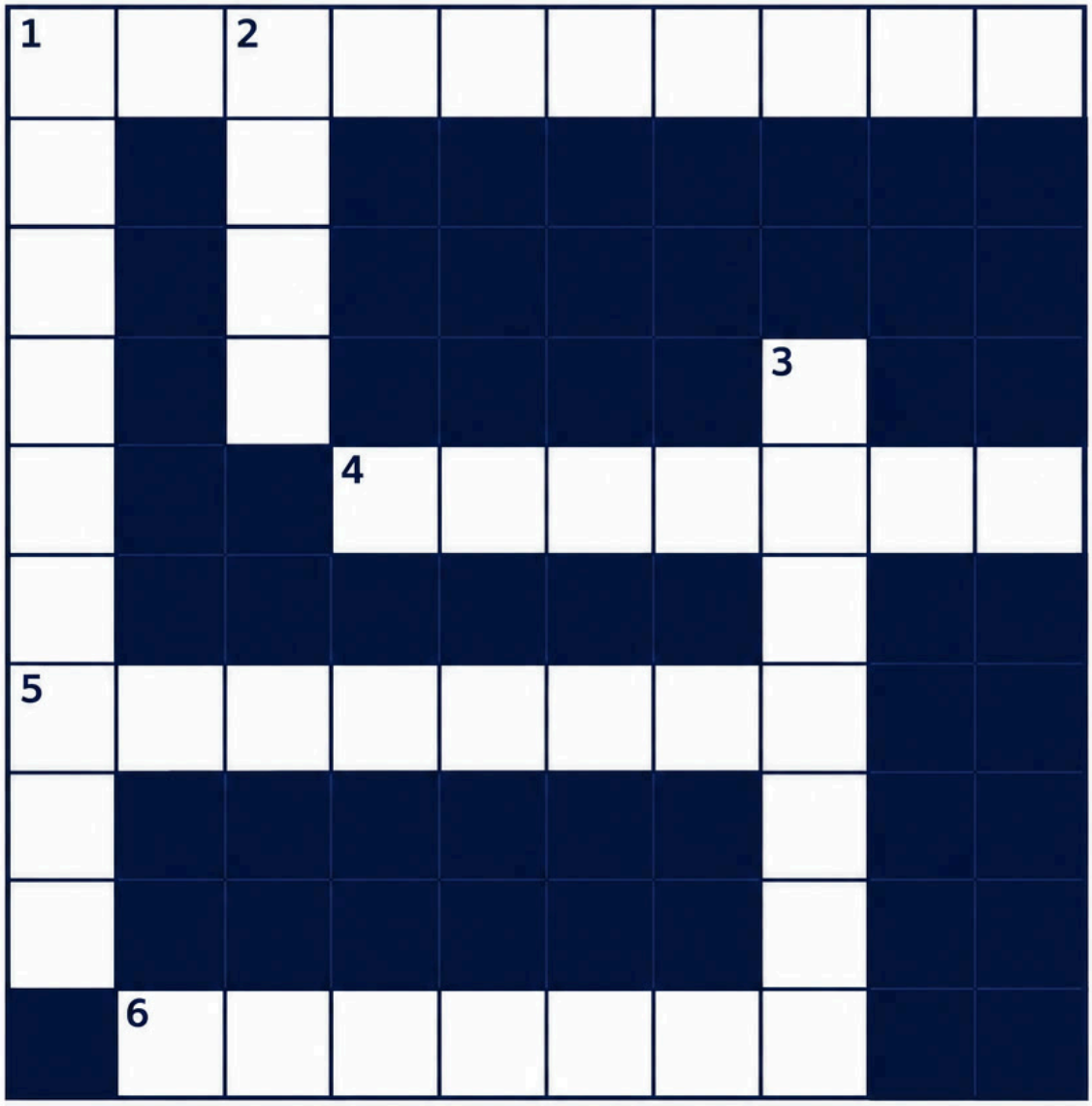
- ☐ COMPETITION
- ☐ DISEASE
- ☐ INVASIVE
- ☐ POLLUTION
- ☐ POPULATION
- ☐ PREDATOR
- ☐ SPECIES
- ☐ SURVIVE

Words go across, down or diagonally. Spaces are left out.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 3

Interdependence

Crossword



Across

1 All the rabbits in a valley are one (10)

4 One kind of living thing, such as the red squirrel (7)

5 Describes a living thing brought from elsewhere that harms those already living there (8)

6 To stay alive (7)

Down

1 Harm to air, water or soil caused by waste (9)

2 An animal that is hunted and eaten (4)

3 An illness that can make living things die (7)

The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY · ECOSYSTEMS

Lesson 3: Interdependence

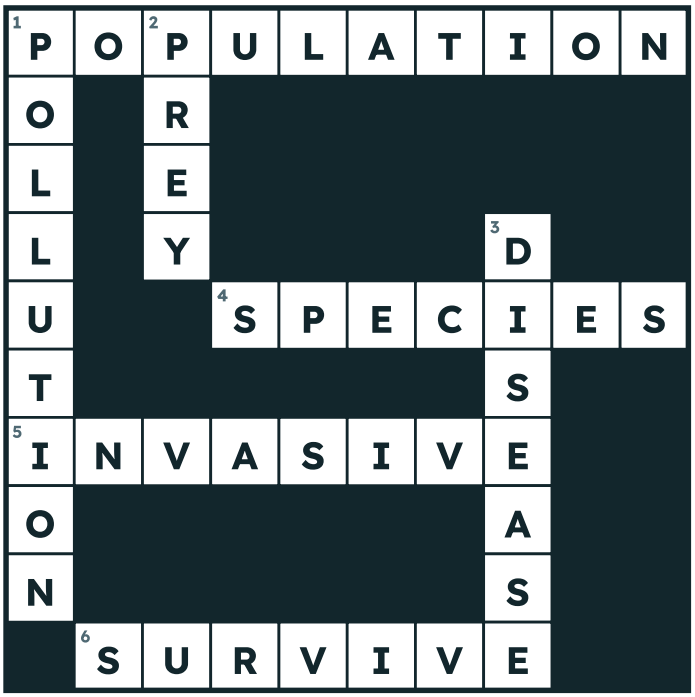
Answers

Word search



C	C	O	M	P	E	T	I	T	I	O	N
P	G	P	O	P	U	L	A	T	I	O	N
O	C	S	T	U	O	W	L	M	N	V	M
L	M	U	U	S	F	H	Y	G	M	S	T
L	Y	I	P	R	V	L	M	V	L	P	L
U	H	G	N	R	V	O	I	V	S	E	M
T	U	N	E	V	E	I	H	C	I	C	G
I	W	F	W	F	A	D	V	D	S	I	V
O	R	E	M	U	I	S	A	E	B	E	T
N	M	U	R	W	M	S	I	T	C	S	T
D	D	I	S	E	A	S	E	V	O	E	T
G	O	U	G	A	I	G	S	R	E	R	R

Crossword



1 P	O	2 P	U	L	A	T	I	O	N
O	■	R	■	■	■	■	■	■	■
L	■	E	■	■	■	■	■	■	■
L	■	Y	■	■	■	■	3 D	■	■
U	■	■	4 S	P	E	C	I	E	S
T	■	■	■	■	■	■	S	■	■
5 I	N	V	A	S	I	V	E	■	■
O	■	■	■	■	■	■	A	■	■
N	■	■	■	■	■	■	S	■	■
■	6 S	U	R	V	I	V	E	■	■

Across

1 Population
All the rabbits in a valley are one (10)

4 Species
One kind of living thing, such as the red squirrel (7)

5 Invasive
Describes a living thing brought from elsewhere that harms those already living there (8)

6 Survive
To stay alive (7)

Down

1 Pollution
Harm to air, water or soil caused by waste (9)

2 Prey
An animal that is hunted and eaten (4)

3 Disease
An illness that can make living things die (7)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems lesson 3 page of the KS3 Science revision site.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 4

Pollinators and our food

Word search

R	V	D	L	C	R	O	P	S	Y	E	V
R	P	C	B	E	F	I	W	E	T	V	S
Y	S	M	M	F	U	B	H	W	L	F	V
Y	A	W	O	V	A	P	E	V	I	A	U
U	P	O	L	L	I	N	A	T	O	R	S
M	P	O	L	L	E	N	T	V	N	I	P
N	W	T	A	G	I	O	H	C	V	U	T
T	N	S	F	E	F	B	F	R	U	I	T
A	L	M	O	N	D	S	S	B	I	R	P
E	D	S	F	A	A	N	S	C	Y	R	Y
I	N	S	E	C	T	S	O	E	L	O	D
R	P	E	S	T	I	C	I	D	E	S	S

Find these 8 words

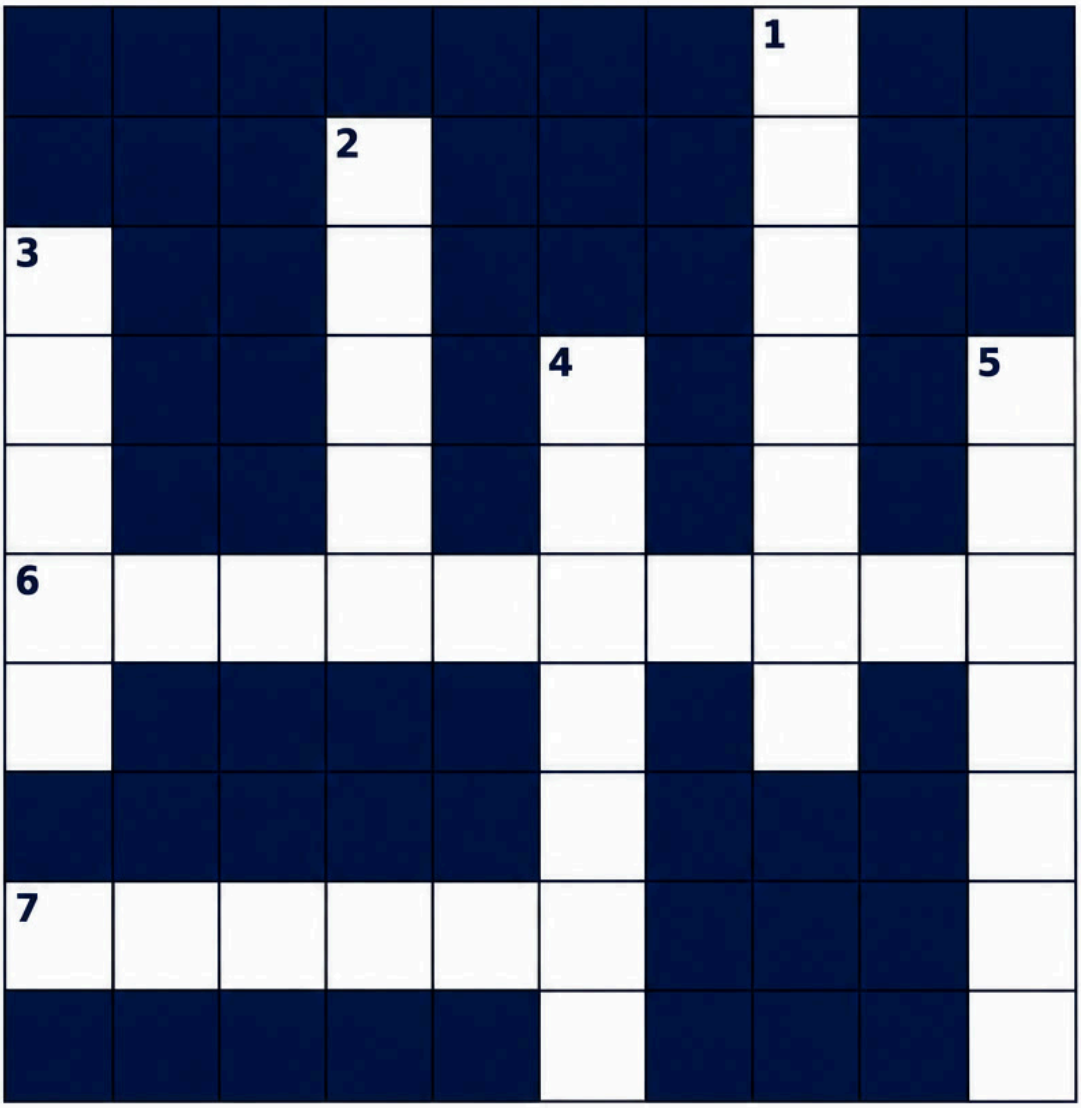
- ☐ ALMONDS
- ☐ CROPS
- ☐ FRUIT
- ☐ INSECTS
- ☐ PESTICIDES
- ☐ POLLEN
- ☐ POLLINATORS
- ☐ WHEAT

Words go across, down or diagonally. Spaces are left out.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 4

Pollinators and our food

Crossword



Across

6 Chemicals sprayed to kill pests, which also harm wild bees (10)

7 Pollination moves this from one flower to another (6)

Down

1 Nuts that, like apples and cherries, need animals to pollinate them (7)

2 An apple or a cherry is this part of a plant (5)

3 Plants that farmers grow for food (5)

4 A fall in numbers over time (7)

5 Bees, hoverflies, butterflies, moths and beetles are all these (7)

The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY · ECOSYSTEMS

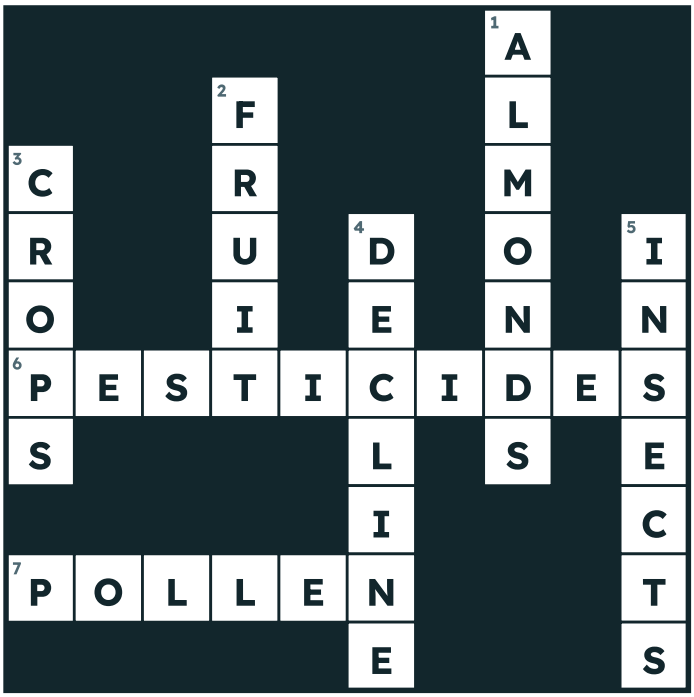
Lesson 4: Pollinators and our food

Answers

Word search

R	V	D	L	C	R	O	P	S	Y	E	V
R	P	C	B	E	F	I	W	E	T	V	S
Y	S	M	M	F	U	B	H	W	L	F	V
Y	A	W	O	V	A	P	E	V	I	A	U
U	P	O	L	L	I	N	A	T	O	R	S
M	P	O	L	L	E	N	T	V	N	I	P
N	W	T	A	G	I	O	H	C	V	U	T
T	N	S	F	E	F	B	F	R	U	I	T
A	L	M	O	N	D	S	S	B	I	R	P
E	D	S	F	A	A	N	S	C	Y	R	Y
I	N	S	E	C	T	S	O	E	L	O	D
R	P	E	S	T	I	C	I	D	E	S	S

Crossword



Across

6 Pesticides
Chemicals sprayed to kill pests, which also harm wild bees (10)

7 Pollen
Pollination moves this from one flower to another (6)

Down

1 Almonds
Nuts that, like apples and cherries, need animals to pollinate them (7)

2 Fruit
An apple or a cherry is this part of a plant (5)

3 Crops
Plants that farmers grow for food (5)

4 Decline
A fall in numbers over time (7)

5 Insects
Bees, hoverflies, butterflies, moths and beetles are all these (7)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems lesson 4 page of the KS3 Science revision site.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 5

Living things and their environment

Word search

B	A	A	I	F	T	F	W	I	I	T	U
H	P	I	N	O	E	H	B	C	E	R	L
E	R	C	T	R	M	A	Y	O	A	S	F
X	L	D	V	G	P	E	E	M	R	L	T
T	H	R	D	A	E	C	U	M	T	W	Y
I	H	O	T	N	R	O	U	U	H	T	S
N	A	U	O	I	A	S	C	N	W	A	N
C	B	G	M	S	T	Y	C	I	O	I	U
T	I	H	C	M	U	S	L	T	R	C	V
O	T	T	N	S	R	T	O	Y	M	A	N
H	A	L	C	D	E	E	O	A	S	Y	V
L	T	S	R	L	M	M	U	A	O	N	A

Find these 8 words

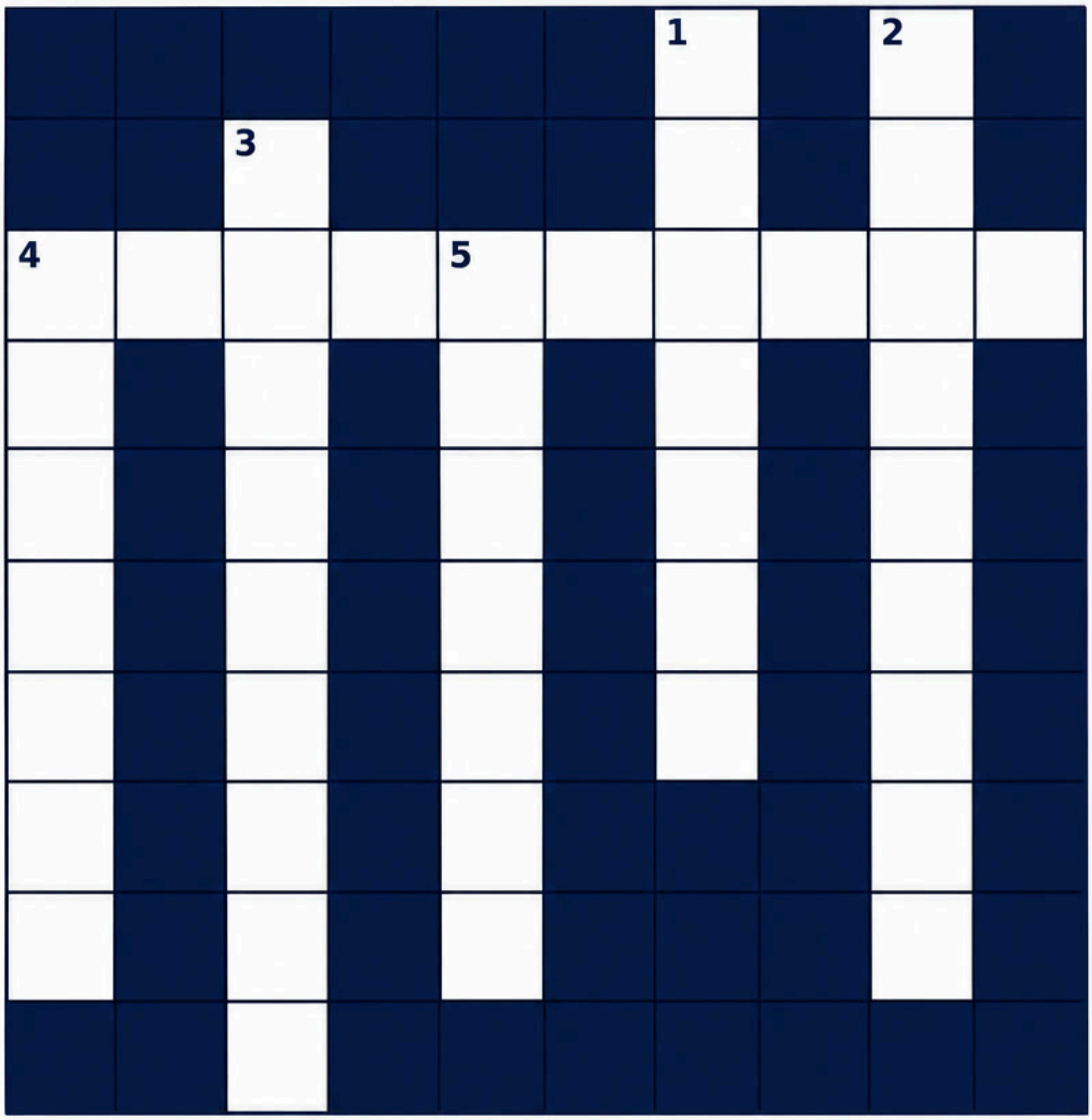
- ☐ COMMUNITY
- ☐ DROUGHT
- ☐ EARTHWORMS
- ☐ ECOSYSTEM
- ☐ EXTINCT
- ☐ HABITAT
- ☐ ORGANISMS
- ☐ TEMPERATURE

Words go across, down or diagonally. Spaces are left out.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 5

Living things and their environment

Crossword



Across

4 They mix air into the soil (10)

Down

1 A long dry spell that can make a population fall (7)

2 All the populations living in one place (9)

3 The scientific word for living things (9)

4 Describes a species when every member has died (7)

5 The place where a living thing lives (7)

The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY · ECOSYSTEMS

Lesson 5: Living things and their environment

Answers

Word search

B	A	A	I	F	T	F	W	I	I	T	U
H	P	I	N	O	E	H	B	C	E	R	L
E	R	C	T	R	M	A	Y	O	A	S	F
X	L	D	V	G	P	E	E	M	R	L	T
T	H	R	D	A	E	C	U	M	T	W	Y
I	H	O	T	N	R	O	U	U	H	T	S
N	A	U	O	I	A	S	C	N	W	A	N
C	B	G	M	S	T	Y	C	I	O	I	U
T	I	H	C	M	U	S	L	T	R	C	V
O	T	T	N	S	R	T	O	Y	M	A	N
H	A	L	C	D	E	E	O	A	S	Y	V
L	T	S	R	L	M	M	U	A	O	N	A

Crossword

						1 D		2 C	
		3 O				R		O	
4 E	A	R	T	5 H	W	O	R	M	S
X		G		A		U		M	
T		A		B		G		U	
I		N		I		H		N	
N		I		T		T		I	
C		S		A				T	
T		M		T				Y	
		S							

Across

4 Earthworms
They mix air into the soil (10)

Down

1 Drought
A long dry spell that can make a population fall (7)

2 Community
All the populations living in one place (9)

3 Organisms
The scientific word for living things (9)

4 Extinct
Describes a species when every member has died (7)

5 Habitat
The place where a living thing lives (7)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems lesson 5 page of the KS3 Science revision site.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 6

Toxins in food chains

Word search

R	C	R	B	P	H	C	H	U	H
M	P	P	M	Y	N	H	P	C	E
A	E	E	R	I	R	A	H	A	R
C	L	R	S	E	N	I	B	R	O
B	D	G	C	T	D	N	L	B	N
P	U	G	A	U	I	A	O	H	V
V	S	D	A	E	R	C	T	W	N
G	C	M	N	T	O	Y	I	O	B
E	C	R	D	A	T	P	P	D	R
E	G	G	S	H	E	L	L	S	E

Find these 8 words

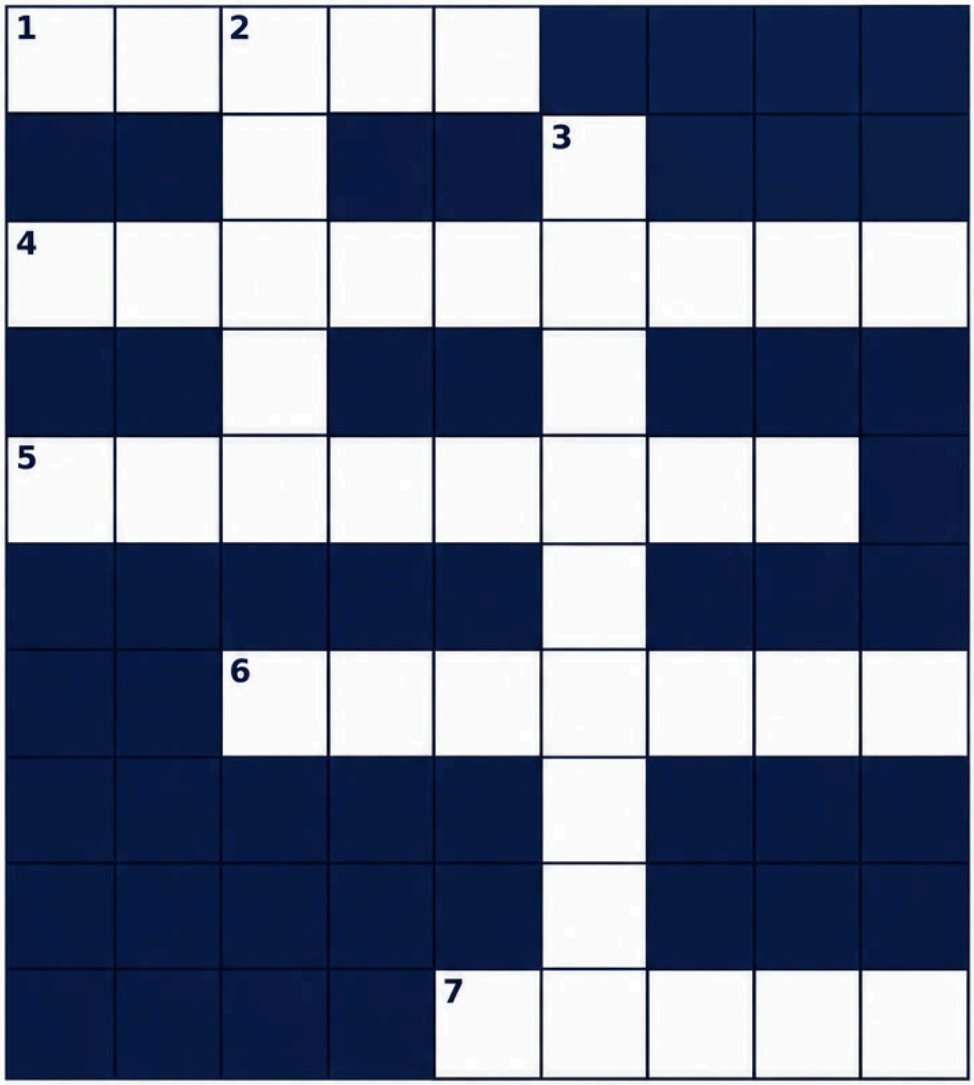
- ☐ ALGAE
- ☐ CHAIN
- ☐ EGGSHELLS
- ☐ HERON
- ☐ MERCURY
- ☐ MINNOW
- ☐ PESTICIDE
- ☐ PREDATOR

Words go across, down or diagonally. Spaces are left out.

KS3 BIOLOGY · ECOSYSTEMS · LESSON 6

Toxins in food chains

Crossword



Across

1 A line showing what eats what (5)

4 The thin parts of birds' eggs that broke because of DDT (9)

5 An animal that hunts and eats other animals (8)

6 A metal that is taken in faster than the body can pass it out (7)

7 The grey bird at the end of the lake's line of eating, which eats perch (5)

Down

2 The producers at the start of the lake's line of eating (5)

3 A chemical sprayed to kill pests, such as DDT (9)

The number in brackets is how many letters the answer has.

KS3 SCIENCE · BIOLOGY · ECOSYSTEMS

Lesson 6: Toxins in food chains

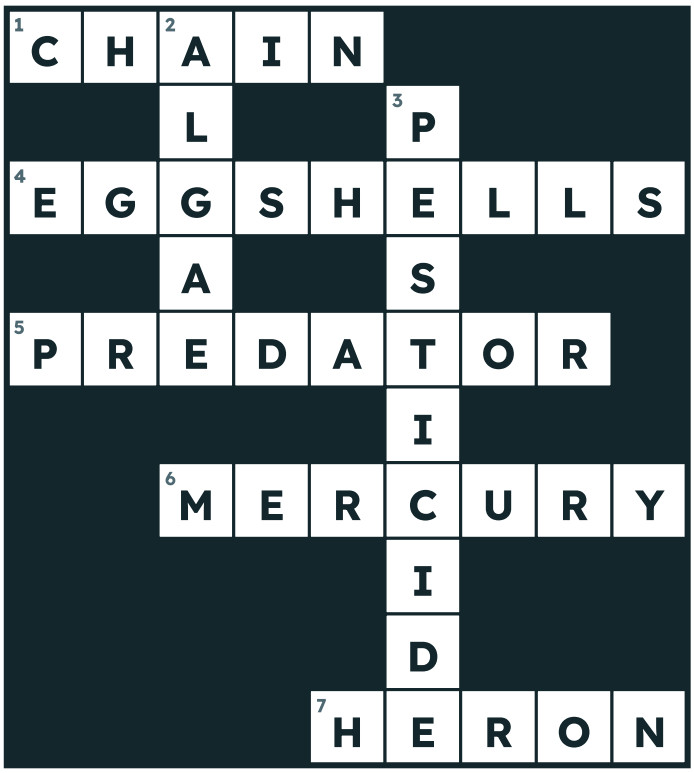
Answers

Word search



R	C	R	B	P	H	C	H	U	H
M	P	P	M	Y	N	H	P	C	E
A	E	E	R	I	R	A	H	A	R
C	L	R	S	E	N	I	B	R	O
B	D	G	C	T	D	N	L	B	N
P	U	G	A	U	I	A	O	H	V
V	S	D	A	E	R	C	T	W	N
G	C	M	N	T	O	Y	I	O	B
E	C	R	D	A	T	P	P	D	R
E	G	G	S	H	E	L	L	S	E

Crossword



1 C	H	2 A	I	N				
		L			3 P			
4 E	G	G	S	H	E	L	L	S
		A			S			
5 P	R	E	D	A	T	O	R	
					I			
		6 M	E	R	C	U	R	Y
					I			
					D			
				7 H	E	R	O	N

Across

1 Chain
A line showing what eats what (5)

4 Eggshells
The thin parts of birds' eggs that broke because of DDT (9)

5 Predator
An animal that hunts and eats other animals (8)

6 Mercury
A metal that is taken in faster than the body can pass it out (7)

7 Heron
The grey bird at the end of the lake's line of eating, which eats perch (5)

Down

2 Algae
The producers at the start of the lake's line of eating (5)

3 Pesticide
A chemical sprayed to kill pests, such as DDT (9)

In the word search, words go across, down or diagonally, and spaces are left out. The same puzzles can be played on the Ecosystems lesson 6 page of the KS3 Science revision site.