KS3 SCIENCE · BIOLOGY

Plant reproduction

Word search

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

Find these 10 words

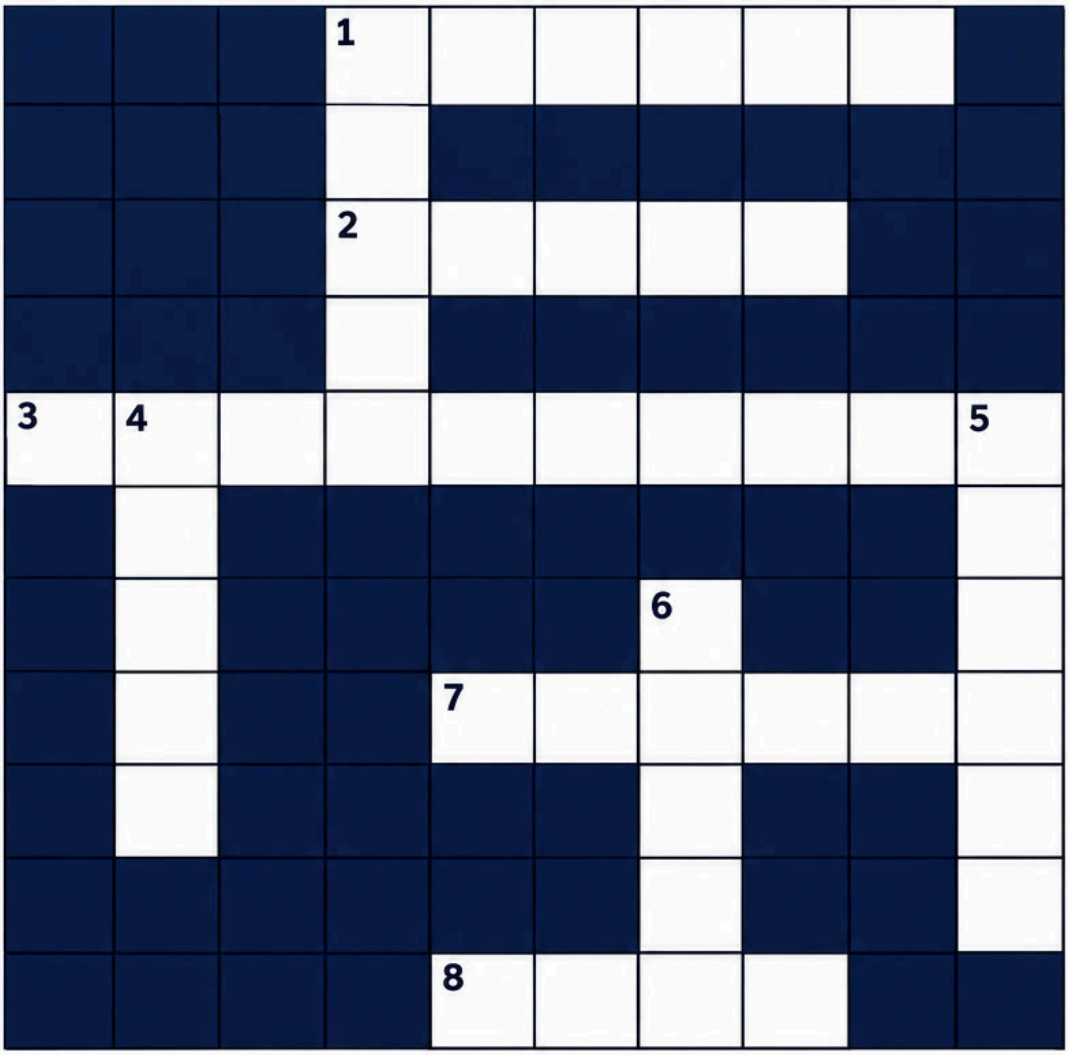
- ☐ CARPEL
- ☐ FILAMENT
- ☐ OVARY
- ☐ PETAL
- ☐ POLLEN
- ☐ POLLINATION
- ☐ SEED
- ☐ SEPAL
- ☐ STAMEN
- ☐ STIGMA

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

KS3 SCIENCE · BIOLOGY

Plant reproduction

Crossword



Across

1 The sticky tip where pollen lands (6)

2 Often bright and scented, to attract insects (5)

3 Grows from a pollen grain down the style to an ovule (6,4)

7 Makes the pollen (6)

8 Contains the embryo of a new plant and a food store (4)

Down

1 Protects the flower while it is a bud (5)

4 Holds the ovules, and becomes the fruit (5)

5 The young plant inside a seed (6)

6 The stalk that joins the stigma to the ovary (5)

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

KS3 SCIENCE · BIOLOGY

Plant reproduction

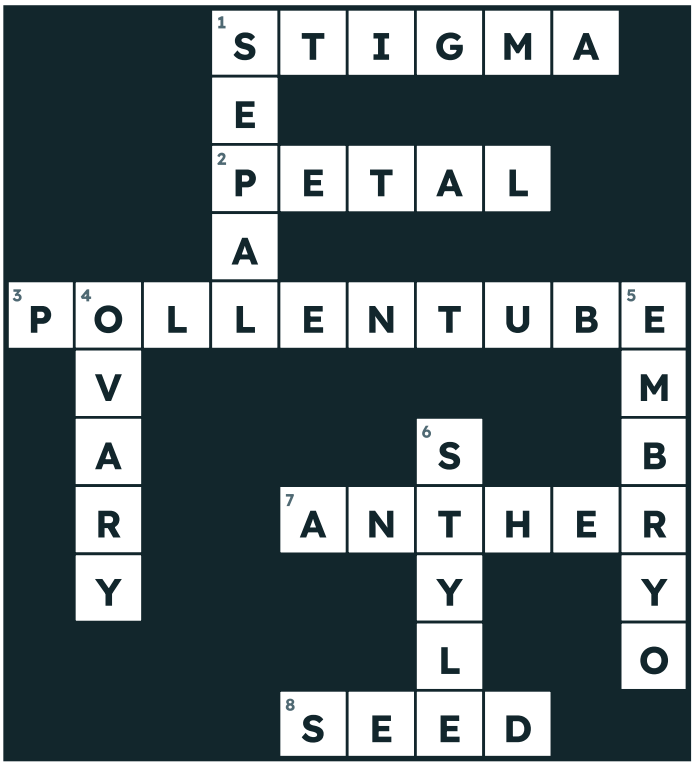
Answers

Word search



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

Crossword



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

Across

1 Stigma
The sticky tip where pollen lands (6)

2 Petal
Often bright and scented, to attract insects (5)

3 Pollen tube
Grows from a pollen grain down the style to an ovule (6,4)

7 Anther
Makes the pollen (6)

8 Seed
Contains the embryo of a new plant and a food store (4)

Down

1 Sepal
Protects the flower while it is a bud (5)

4 Ovary
Holds the ovules, and becomes the fruit (5)

5 Embryo
The young plant inside a seed (6)

6 Style
The stalk that joins the stigma to the ovary (5)

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 1

Parts of a flower

Word search

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

Find these 8 words

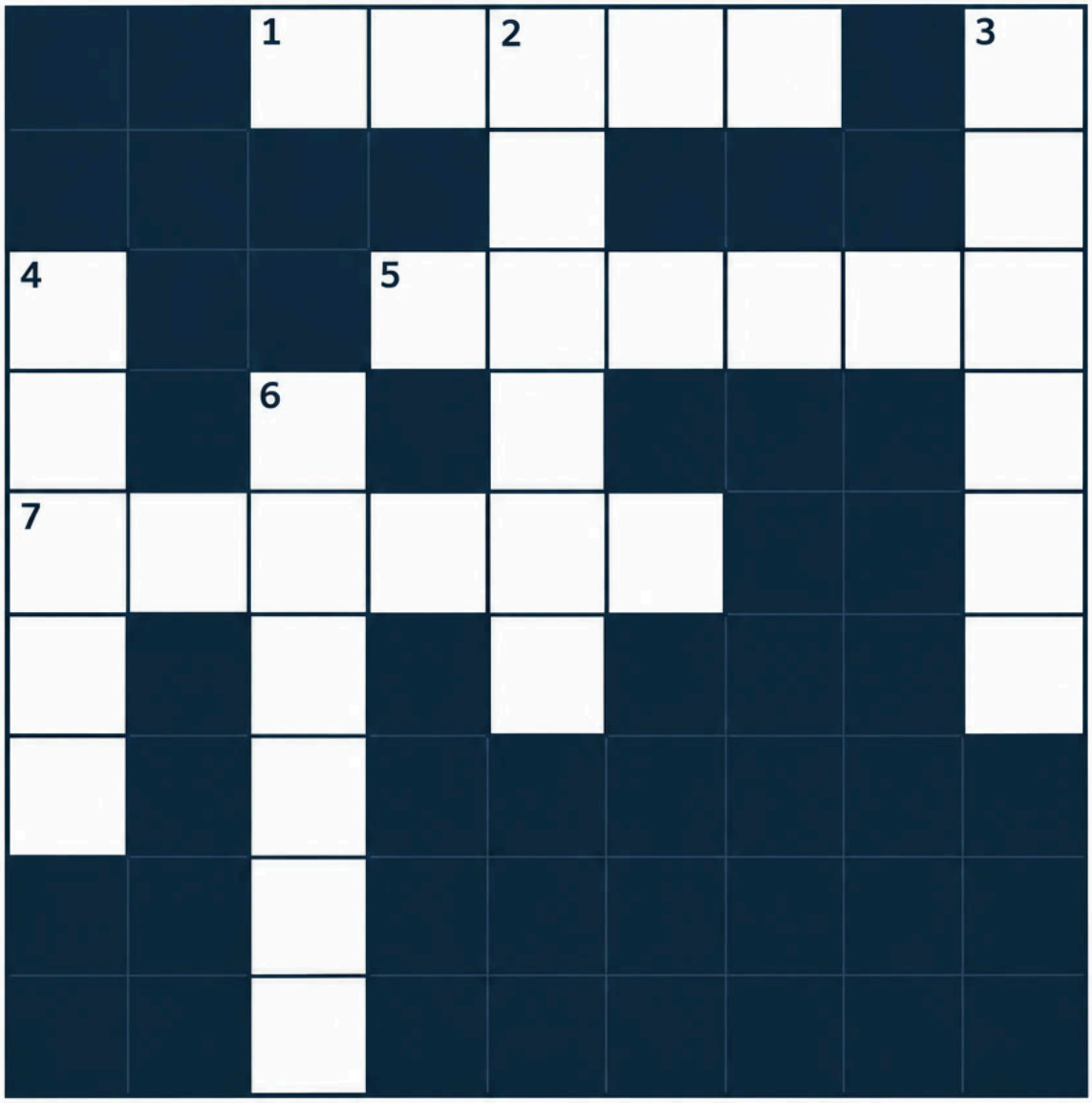
- ☐ CARPEL
- ☐ FLOWER
- ☐ OVARY
- ☐ PETAL
- ☐ POLLEN
- ☐ SEPAL
- ☐ STAMEN
- ☐ STIGMA

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 1

Parts of a flower

Crossword



Across

1 Holds the ovules (5)

5 The sticky tip where the grains land (6)

7 Grains that contain the male sex cells (6)

Down

2 Makes the grains that contain the male sex cells (6)

3 The male reproductive part of the plant (6)

4 Protects it while it is a bud (5)

6 It holds the plant's reproductive organs (6)

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

KS3 SCIENCE · BIOLOGY · PLANT REPRODUCTION

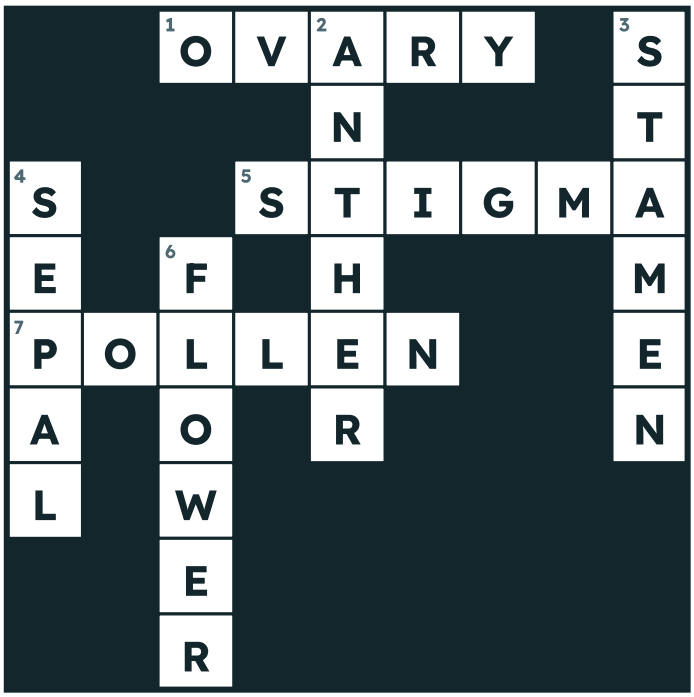
Lesson 1: Parts of a flower

Answers

Word search



Crossword



Across

1 Ovary
Holds the ovules (5)

5 Stigma
The sticky tip where the grains land (6)

7 Pollen
Grains that contain the male sex cells (6)

Down

2 Anther
Makes the grains that contain the male sex cells (6)

3 Stamen
The male reproductive part of the plant (6)

4 Sepal
Protects it while it is a bud (5)

6 Flower
It holds the plant's reproductive organs (6)

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

KS3 BIOLOGY • PLANT REPRODUCTION • LESSON 2

Pollination

Word search

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

Find these 8 words

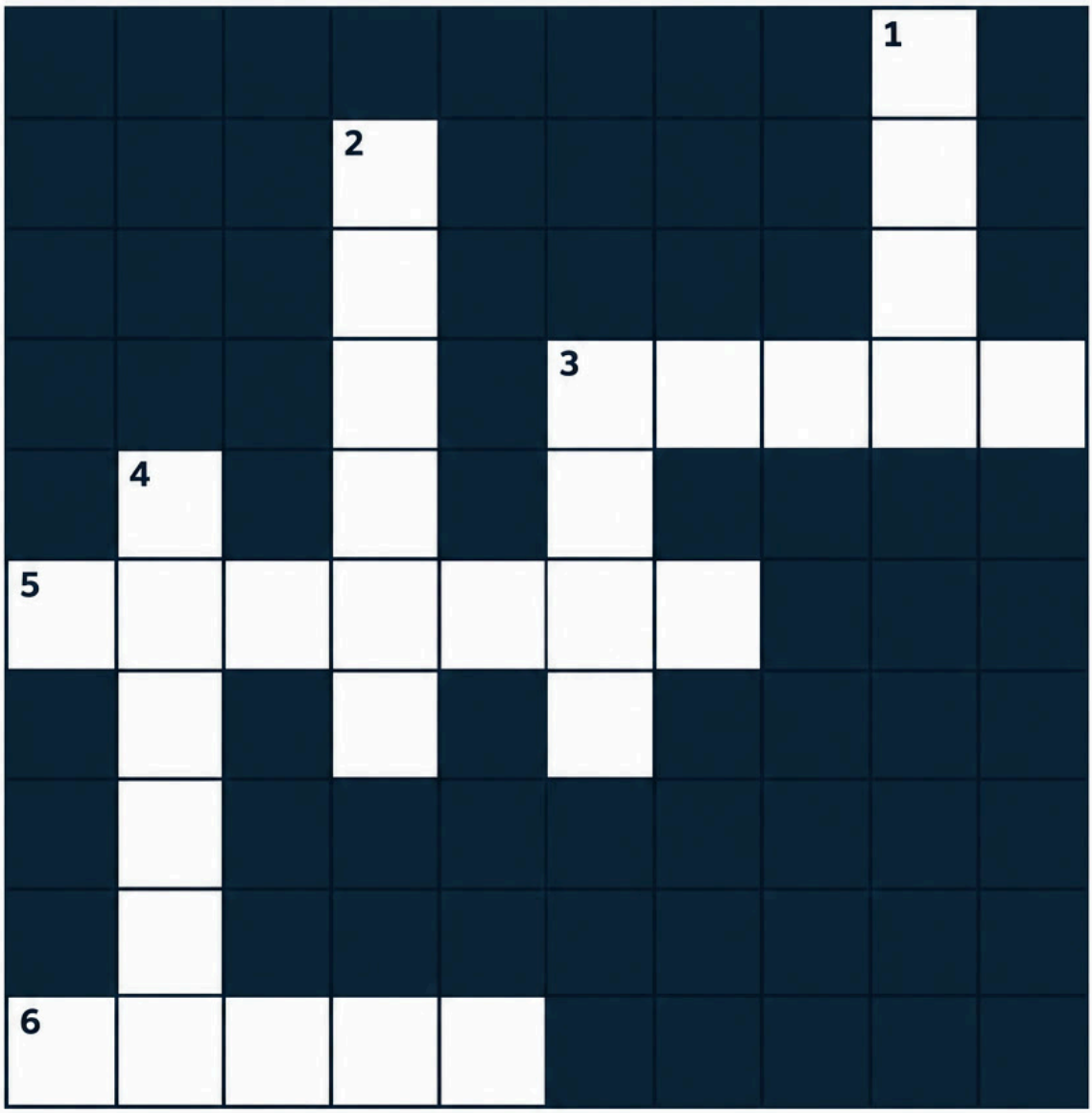
- ☐ ANTHER
- ☐ BATS
- ☐ BIRDS
- ☐ INSECTS
- ☐ POLLEN
- ☐ POLLINATION
- ☐ STIGMA
- ☐ WIND

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 2

Pollination

Crossword



Across

3 Animals with feathers that visit some flowers (5)

5 Bumblebees belong to this group of small animals with six legs (7)

6 A plant whose flowers let moving air carry the grains (5)

Down

1 Moving air, as on a breezy day (4)

2 Yellow dust that sticks to a visiting bee (6)

3 Flying mammals that visit some flowers (4)

4 It sits on top of a filament (6)

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

KS3 SCIENCE · BIOLOGY · PLANT REPRODUCTION

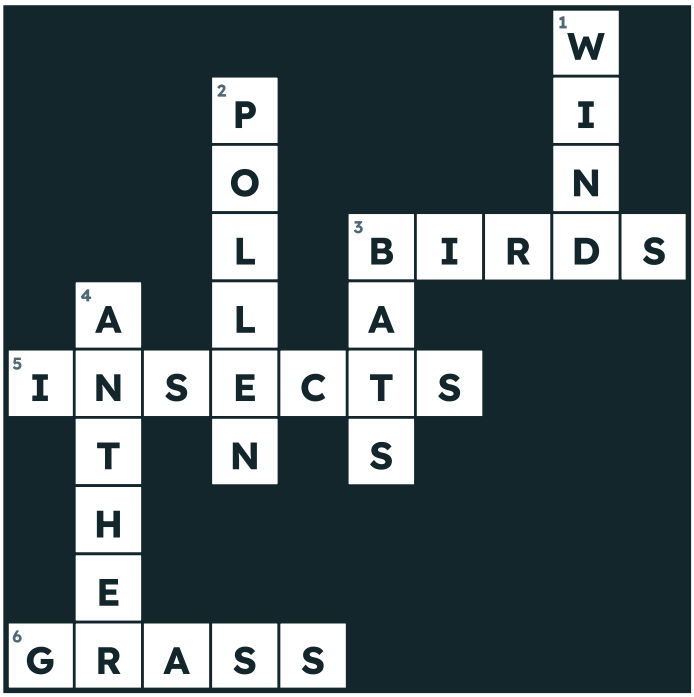
Lesson 2: Pollination

Answers

Word search



Crossword



Across

3 Birds
Animals with feathers that visit some flowers (5)

5 Insects
Bumblebees belong to this group of small animals with six legs (7)

6 Grass
A plant whose flowers let moving air carry the grains (5)

Down

1 Wind
Moving air, as on a breezy day (4)

2 Pollen
Yellow dust that sticks to a visiting bee (6)

3 Bats
Flying mammals that visit some flowers (4)

4 Anther
It sits on top of a filament (6)

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

KS3 BIOLOGY • PLANT REPRODUCTION • LESSON 3

Fertilisation in plants

Word search

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

Find these 8 words

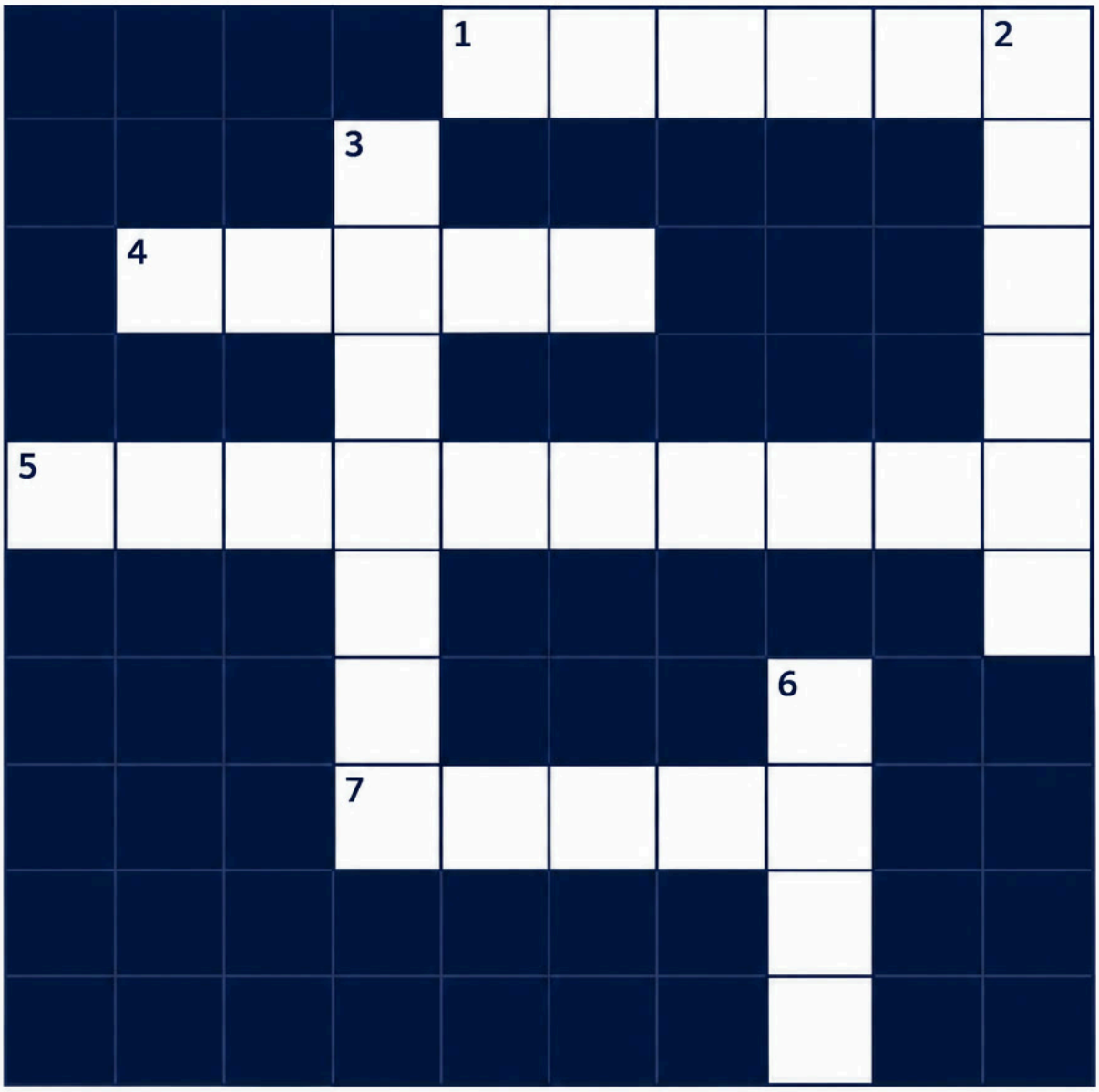
- ☐ GRAIN
- ☐ NUCLEUS
- ☐ OVULE
- ☐ POLLEN TUBE
- ☐ POLLINATION
- ☐ SEED
- ☐ STIGMA
- ☐ STYLE

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 3

Fertilisation in plants

Crossword



Across

1 The sticky tip of the carpel (6)

4 It contains a female sex cell (5)

5 A thin growth that carries male material down to the female sex cells (6,4)

7 The stalk between the sticky tip and the ovary (5)

Down

2 Where pollen leaves the stamen (6)

3 The part inside a sex cell that joins with the matching part of the other one (7)

6 It contains an embryo and a food store (4)

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

KS3 SCIENCE · BIOLOGY · PLANT REPRODUCTION

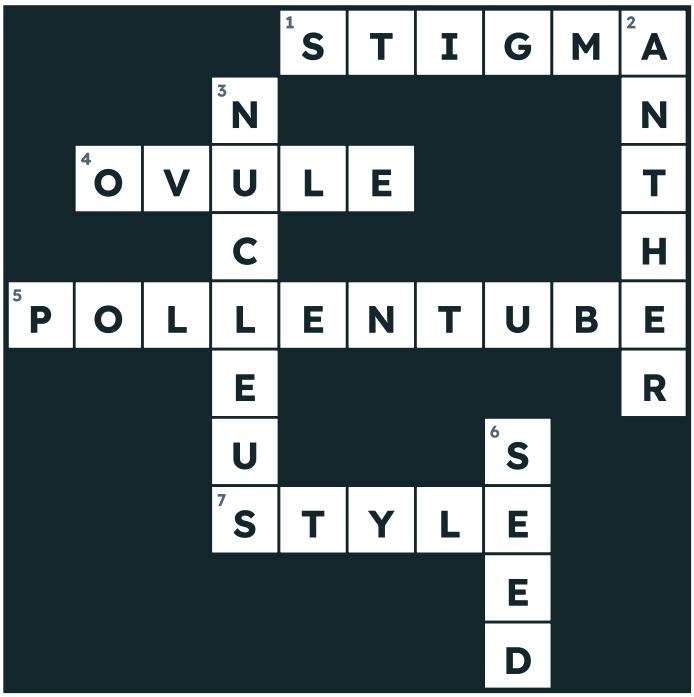
Lesson 3: Fertilisation in plants

Answers

Word search

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

Crossword



Across

1 Stigma
The sticky tip of the carpel (6)

4 Ovule
It contains a female sex cell (5)

5 Pollen tube
A thin growth that carries male material down to the female sex cells (6,4)

7 Style
The stalk between the sticky tip and the ovary (5)

Down

2 Anther
Where pollen leaves the stamen (6)

3 Nucleus
The part inside a sex cell that joins with the matching part of the other one (7)

6 Seed
It contains an embryo and a food store (4)

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 4

Seeds and fruits

Word search

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

Find these 8 words

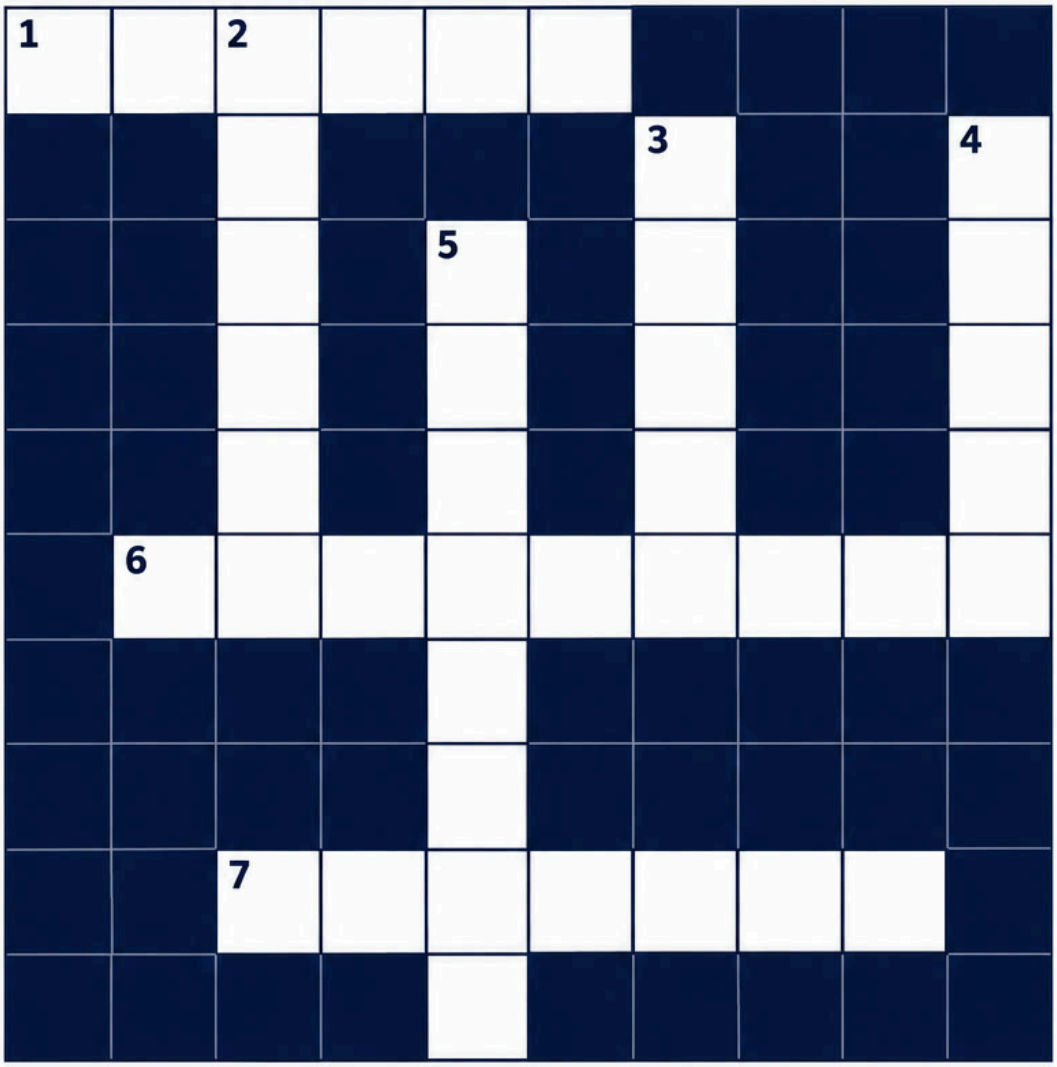
- ☐ EMBRYO
- ☐ FOOD STORE
- ☐ OVULE
- ☐ PETALS
- ☐ ROOT
- ☐ SHOOT
- ☐ STAMENS
- ☐ TOMATO

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 4

Seeds and fruits

Crossword



Across

1 The bright parts that wither and fall off (6)

6 Part of a seed that feeds the plant as it starts to grow (4,5)

7 The male parts that wither and fall off after fertilisation (7)

Down

2 A red salad food with seeds inside (6)

3 It contains the seeds, as a pea pod does (5)

4 After fertilisation, each fertilised one becomes a seed (5)

5 The tough outer layer that protects a seed (4,4)

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

KS3 SCIENCE · BIOLOGY · PLANT REPRODUCTION

Lesson 4: Seeds and fruits

Answers

Word search

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

Crossword

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

Across

1 Petals
The bright parts that wither and fall off (6)

6 Food store
Part of a seed that feeds the plant as it starts to grow (4,5)

7 Stamens
The male parts that wither and fall off after fertilisation (7)

Down

2 Tomato
A red salad food with seeds inside (6)

3 Fruit
It contains the seeds, as a pea pod does (5)

4 Ovule
After fertilisation, each fertilised one becomes a seed (5)

5 Seed coat
The tough outer layer that protects a seed (4,4)

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 5

Seed dispersal

Word search

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

Find these 8 words

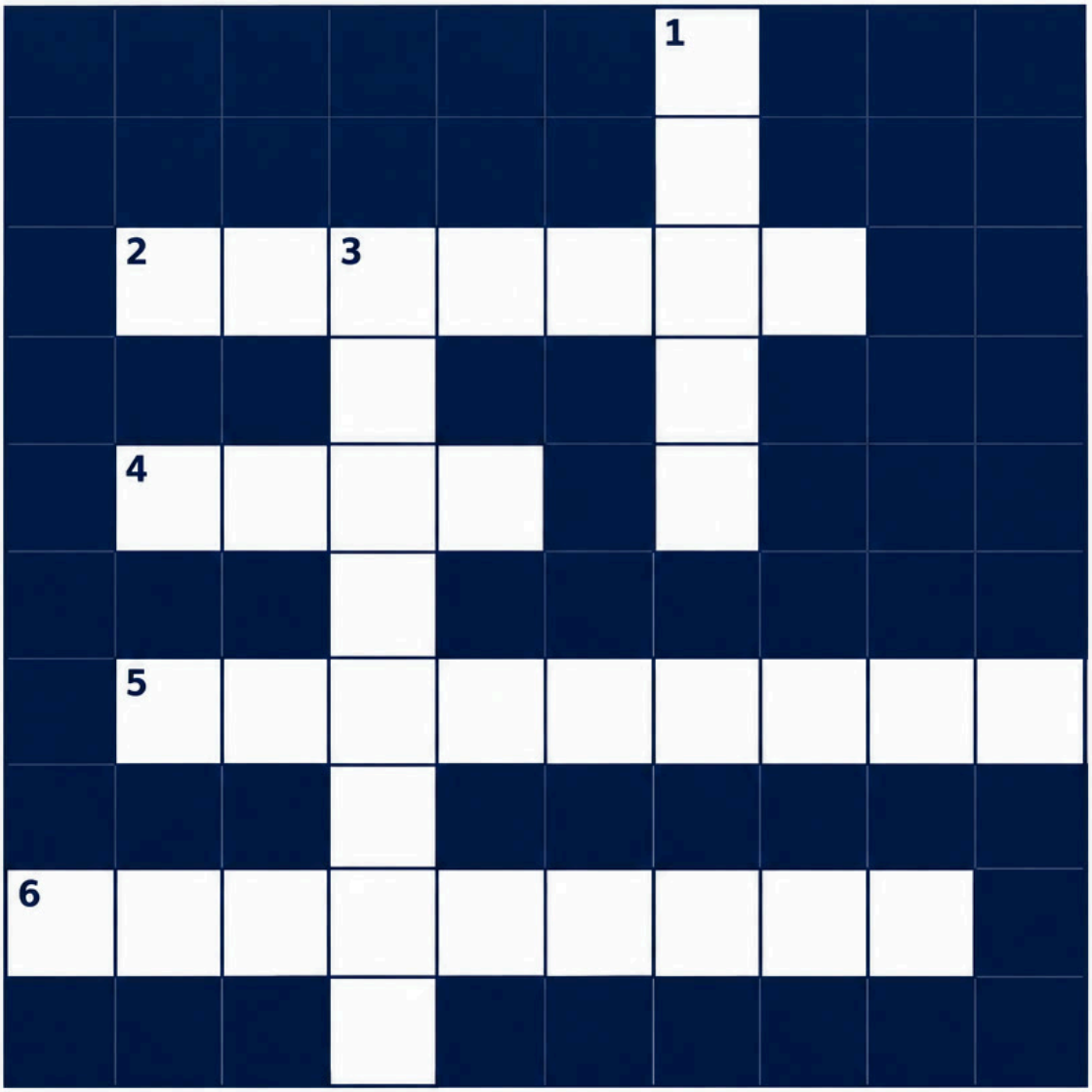
- ☐ ANIMALS
- ☐ COMPETE
- ☐ DROPPINGS
- ☐ EXPLOSION
- ☐ HOOKS
- ☐ MINERALS
- ☐ SURVIVE
- ☐ WATER

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

KS3 BIOLOGY • PLANT REPRODUCTION • LESSON 5

Seed dispersal

Crossword



Across

2 To struggle for the same light and space as a neighbour (7)

4 Moving air that carries light seeds with wings (4)

5 Dandelion seeds have one made of fine hairs (9)

6 A bang or burst, the way a dried-out pod flings seeds (9)

Down

1 Rivers and the sea are made of this (5)

3 The general name for the nutrients plants need along with light and space (8)

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

KS3 SCIENCE · BIOLOGY · PLANT REPRODUCTION

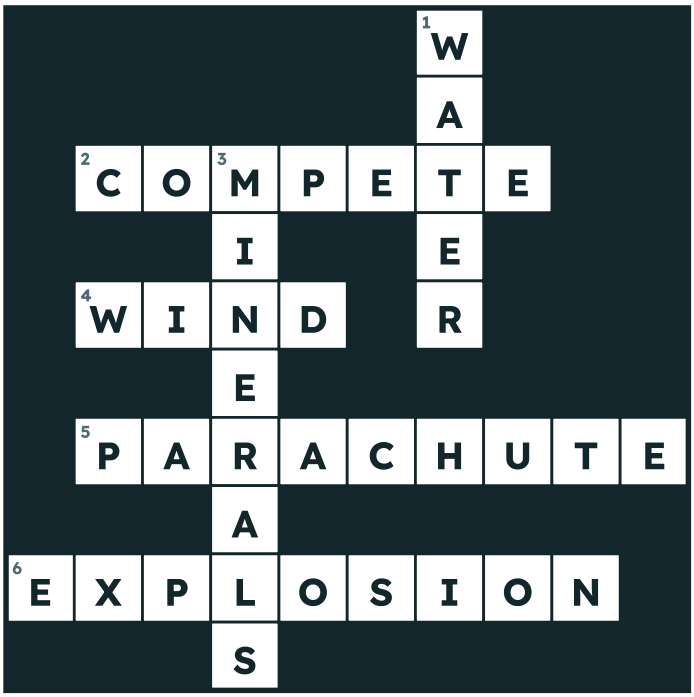
Lesson 5: Seed dispersal

Answers

Word search

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

Crossword



Across

2 Compete
To struggle for the same light and space as a neighbour (7)

4 Wind
Moving air that carries light seeds with wings (4)

5 Parachute
Dandelion seeds have one made of fine hairs (9)

6 Explosion
A bang or burst, the way a dried-out pod flings seeds (9)

Down

1 Water
Rivers and the sea are made of this (5)

3 Minerals
The general name for the nutrients plants need along with light and space (8)

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 6

Investigating dispersal

Word search

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

Find these 8 words

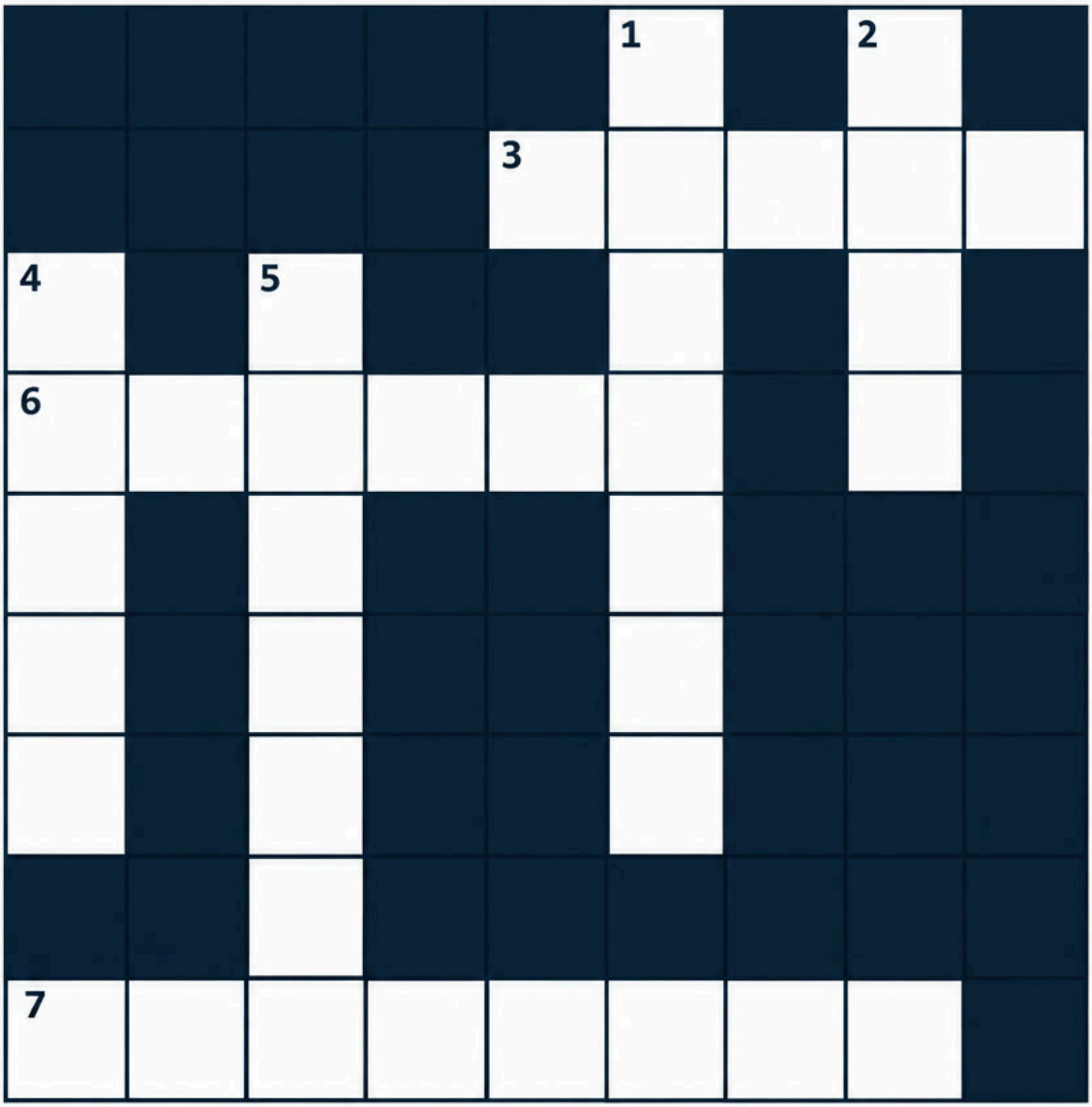
- ☐ CONTROL
- ☐ DEPENDENT
- ☐ GRAPH
- ☐ MEAN
- ☐ REPEAT
- ☐ SPINNER
- ☐ VARIABLE
- ☐ WING

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

KS3 BIOLOGY · PLANT REPRODUCTION · LESSON 6

Investigating dispersal

Crossword



Across

3 A simple copy used to test one feature at a time (5)

6 Do each drop again, so that one odd result does not mislead you (6)

7 A quantity that can change (8)

Down

1 A factor that you keep the same (7)

2 The value you work out from several drops (4)

4 A chart you plot your results on (5)

5 The paper object dropped to stand in for a sycamore seed (7)

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

KS3 SCIENCE · BIOLOGY · PLANT REPRODUCTION

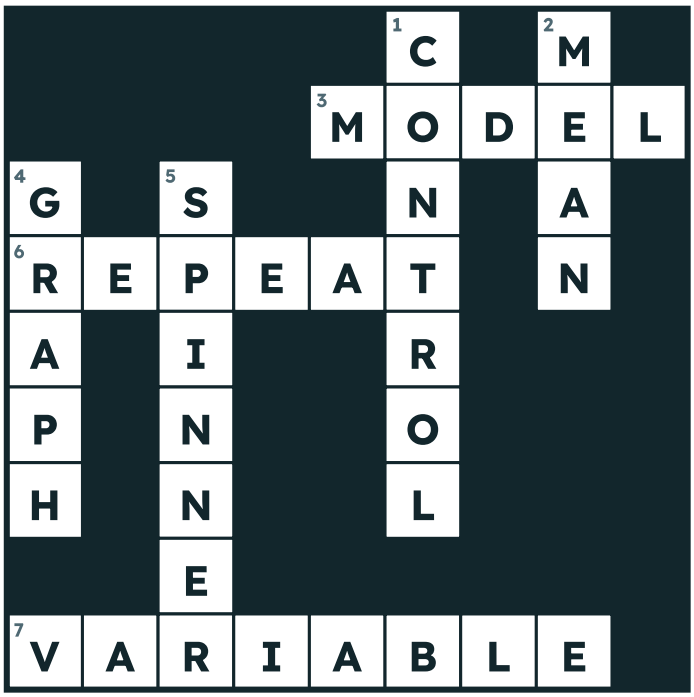
Lesson 6: Investigating dispersal

Answers

Word search



Crossword



Across

3 Model
A simple copy used to test one feature at a time (5)

6 Repeat
Do each drop again, so that one odd result does not mislead you (6)

7 Variable
A quantity that can change (8)

Down

1 Control
A factor that you keep the same (7)

2 Mean
The value you work out from several drops (4)

4 Graph
A chart you plot your results on (5)

5 Spinner
The paper object dropped to stand in for a sycamore seed (7)

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