



# 11-12 YEARS | WEEK 48

## Science-Plants

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1. Name the flowers

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11. Parts of leaf

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2. Sowing seeds

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12. Botany - Plant life cycle

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3. Maple seed - Helicopter

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13. Botany - Pollination

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4. Seed to tree

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14. Botany - Habitat

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5. Choose and write

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15. Botany - Types of plants

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6. Word search

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16. Botany - Parts of plants

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7. Choose and write

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17. Insectivore plant

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8. Label

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18. Label the flower

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9. Parts of a leaf - Label

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19. Quiz

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10. Types of leaf

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20. Pollination

# Name the flowers

Here are some names of flowers hidden in the word gym. Can you find them all?



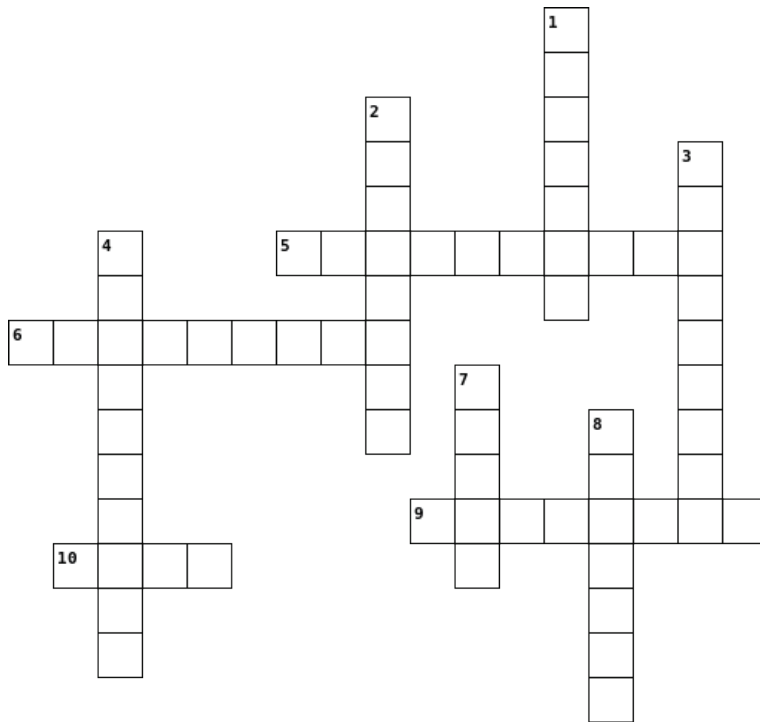
M	E	K	T	D	L	O	G	I	R	A	M
S	A	S	U	C	S	I	B	I	H	O	E
F	N	S	B	D	I	H	C	R	O	D	G
B	U	U	L	I	D	O	F	F	A	D	R
Y	P	T	V	J	H	E	V	I	W	A	A
E	G	O	E	Y	N	C	S	D	I	A	B
V	Y	L	N	I	L	Y	Z	L	T	I	F
Q	K	F	M	S	W	I	H	I	E	K	G
R	W	S	E	F	I	A	L	T	U	H	S
Q	A	L	F	V	D	E	S	O	R	A	K
J	W	A	J	K	F	B	J	E	C	Q	L
E	B	R	E	W	O	L	F	N	U	S	F



Answer  
Daffodil, Dahlia, Daisy, Hibiscus, Marigold, Rose, Lotus, Sunflower, Jasmine,

# Sowing Seeds

A single breath from a playing child can send dozens of fluffy dandelion seeds floating into the air.



## Across

- 5 Dandelion seeds are carried away by the wind and travel like tiny \_\_\_\_\_  
 6 \_\_\_\_\_ disperses seeds by wind  
 9 Farmer disperses the seeds \_\_\_\_\_  
 10 Poppy, Tacoma, Moringa and Orchids disperse by \_\_\_\_\_

## Down

- 1 Disperses by water \_\_\_\_\_  
 2 Plants growing on the banks of rivers disperse by the \_\_\_\_\_ of water  
 3 Phenomena, of carrying seeds to distant place  
 4 Plants disperse fruits and seeds to avoid \_\_\_\_\_  
 7 Seeds of this plant are dispersed by birds which consume the fruit  
 8 Seeds of heavy fruits like apples disperse because of \_\_\_\_\_

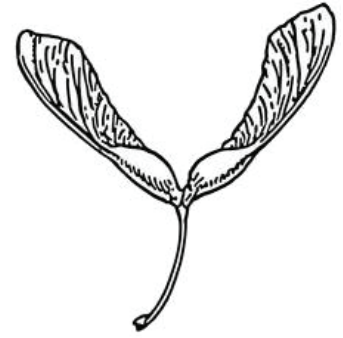
## Answers

1 Coconut 2 Currents 3 Dispersal 4 Congestion 5 Parachutes 6 Dandelion 7 Pipal 8 Gravity 9 Manually 10 Wind

# Maple Seed – Helicopter

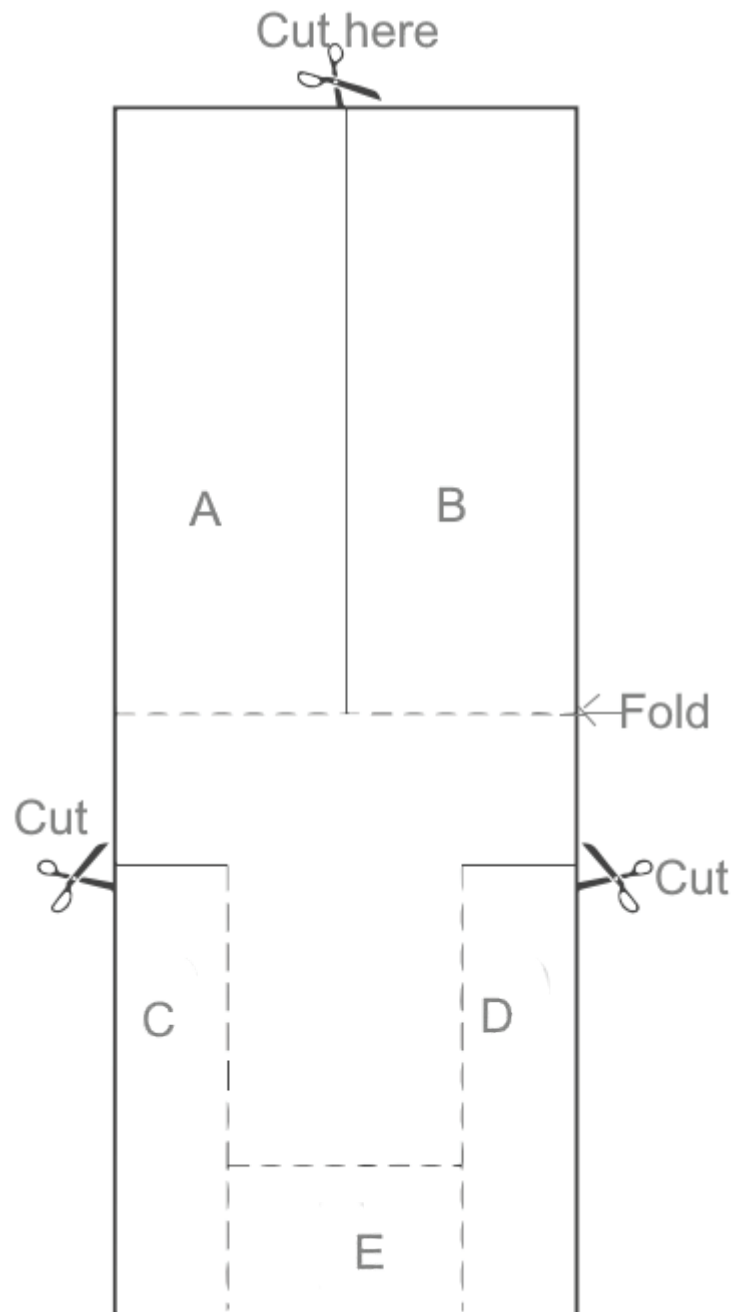
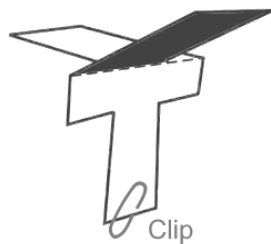
The twirling seeds of maple trees spin like miniature helicopters as they fall to the ground. Because the seeds descend slowly as they swirl, they can be carried aloft by the wind and dispersed over great distances.

Now, we can form similar structure using paper and try it out.



To build this

- Cut along all the lines.
- Fold flap A forward along the dotted line and B back.
- Fold flaps C and D forward along the dotted lines.
- Fold flap E upward.
- Use one small paper clip to hold flap E in place.
- To launch, hold the helicopter by the wings and drop (with the paper clip at the bottom).



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