



\_\_\_\_\_

Pathfinder's Name

## Cacti

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1. Name the chief characteristics of a cactus.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Name three uses of cacti.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

3. In what places are cacti the most plentiful?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Why? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. Know and identify from life or pictures 15 species of cacti.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_
- 13. \_\_\_\_\_
- 14. \_\_\_\_\_
- 15. \_\_\_\_\_

- 5. Photograph, observe or sketch at least 10 species of cacti and classify them or grow at least 3 different species of cacti.

## Cacti, Advanced

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1. Have the Cacti honor.

2. What are succulents?

\_\_\_\_\_  
\_\_\_\_\_

3. Identify from plants or photos five succulents that are not cacti?  
How are they different from cacti?

Succulents	Different
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

4. Know the definitions of the following terms within a cacti/succulents frame of reference.

Areole \_\_\_\_\_  
\_\_\_\_\_

Cephalium \_\_\_\_\_  
\_\_\_\_\_

Coalesce \_\_\_\_\_  
\_\_\_\_\_

Corymb \_\_\_\_\_  
\_\_\_\_\_

Diurnal \_\_\_\_\_  
\_\_\_\_\_

Epiphyte \_\_\_\_\_  
\_\_\_\_\_

Glochid \_\_\_\_\_

Nocturnal \_\_\_\_\_

Offshoot \_\_\_\_\_

Panicle \_\_\_\_\_

Scale \_\_\_\_\_

Stolon \_\_\_\_\_

Zygomorphic \_\_\_\_\_

5. When raising succulents—including cacti—they may be attacked by maladies. What are the most common and how can you prevent or cure the problems?

	Maladies	Prevent/Cure
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

6. Propagate at least one plant by using one of the following methods: from seed, by cuttings, or grafting.

Method used \_\_\_\_\_