

**Plant Adaptation- Can Plants Live Anywhere?
Field Guide**

Name:

Date:

School:

Grade:

Teacher:

Favorite Type of Owl:

Prediction:

- Can plants live anywhere? Yes / No
 - What's your evidence for predicting this?

Background Information:

National Geographic: What type of desert is Western Colorado?

Crash Course: How do we study plants?

Introduction - Pt. I

- In the picture, how many plants do you see?
- TEDEd: Predict - What are some external defenses in desert ecosystems?

Vocabulary - Pt. II

- Define morphological:

- Define morphospecies identification:

- What are 4 characteristics we are looking for?

1.	3.
2.	4.

- After watching this video, do you predict if any desert plants have certain defenses against organisms or weather elements?

Quadrant and Example Video - Pt. III

- What is the location where you're making your observations?

Table 1.

Quadrant Number	How many total species are in your quadrant?
1	
2	
3	

Table 2.

Quadrant Number	How many unique organisms are in your quadrant?
1	
2	
3	

Table 3. Remember to pick just one species from each quadrant!

Quadrant Number	Describe a species.
1	
2	
3	

Notes:

Analyze Data - Pt. IV

- Define adaptations.

- Make any predictions if the characteristics you observed are adaptations.

- What are the four main desert plant adaptations?
 - 1.
 - 2.
 - 3.
 - 4.

- What do these adaptations help do?

- 1.

- 2.

- 3.

- 4.

Conclusion - Pt. V

So, can plants really live anywhere? Look back at your prediction. Was it right or wrong?

What evidence supports this?

Remember to upload this field guide and any pictures to the Plant Discussion Board!