

Name: \_\_\_\_\_

# Plant Project

**Directions:** Choose a plant from the list on back. Write an informational report about your plant. You will need to include a visual aid to go along with your report (see list on back). Be prepared to share your project with your class.

Your report must include:

- 1) The name of your plant. Does it have any other names? If so, what are they?
- 2) Description of your plant . What does it look like? Does it have a scent? Can you eat it? What does it feel like? Does your plant make any noises?
- 3) What climate zone is it found in? More specifically, what plant community is it found in? Is it found in more than one climate/community? If so, which ones? What country/state/cities can you find your plant?
- 4) What type of adaptations does it have? How do the adaptations help your plant survive?
- 5) Would your plant be able to survive in San Diego? Why or why not? Be sure to use evidence to support your answer.
- 6) Three interesting facts about your plant.
- 7) Include a picture of your plant (hand drawn or computer print out).

Reminder: You must write in complete sentences. Include a topic sentence and a conclusion sentence.

[CCSS.ELA-LITERACY.W.3.7](#)

Conduct short research projects that build knowledge about a topic.

[CCSS.ELA-LITERACY.W.3.2](#)

Write informative/explanatory texts to examine a topic and convey ideas and information clearly

[CCSS.ELA-LITERACY.W.3.1](#)

Write opinion pieces on topics or texts, supporting a point of view with reasons.

[CCSS.ELA-LITERACY.SL.3.4](#)

Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.

Name: \_\_\_\_\_

## Choose a Plant



## Choose a Project

- Brochure
- Poster
- 3D Cube
- Hanging Mobile
- Comic Strip
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# Plant Identification

Name: \_\_\_\_\_



# Plant Identification

Name: \_\_\_\_\_



# Plant Identification

Name: Answer Key



**California  
Sunflower**



**Black Sage**



**California  
Sagebrush**



**California  
Flattop  
Buckwheat**



**Bladderpod**

# Plant Identification

Name: Answer Key



**Broom  
Baccharis**



**Lemonade  
Berry**



**Wild  
Cucumber**



**Laurel  
Sumac**



**White Sage**

Name: \_\_\_\_\_

## Cause and Effect

**Directions:** Choose the correct word or phrase from the box and fill in the chart below.

Word  
Bank

|                           |                           |                             |
|---------------------------|---------------------------|-----------------------------|
| Poisonous leaves          | Short growing season      | Covered in tiny white hairs |
| Feather-like seed carrier | Tumble weed plant         | Thorns on stem              |
| Thick bark                | Tasty, good looking fruit | Waxy leaves                 |

| Cause   | Effect         |
|---|----------------|
| Plants want to...<br><b>Protect themselves</b>    | so, they...    |
| Because plants want to...<br><b>Reproduce</b>     | they...        |
| Due to certain...<br><b>Weather &amp; Climate</b> | plants have... |

## Cause and Effect

**Directions:** Choose the correct word or phrase from the box and fill in the chart below.

|                  |                           |                           |                             |
|------------------|---------------------------|---------------------------|-----------------------------|
| <b>Word Bank</b> | Poisonous leaves          | Short growing season      | Covered in tiny white hairs |
|                  | Feather-like seed carrier | Tumble weed plant         | Thorns on stem              |
|                  | Thick bark                | Tasty, good looking fruit | Waxy leaves                 |

| Cause   | Effect  |
|---|---|
| Plants want to...<br><br><b>Protect themselves</b>    | so, they...<br><br>Thorns on stem<br>Poisonous leaves<br>Thick bark   |
| Because plants want to...<br><br><b>Reproduce</b>     | they...<br><br>Feather-like seed carrier<br>Tumble weed plant<br>Covered in tiny white hairs<br>Tasty, good looking fruit |
| Due to certain...<br><br><b>Weather &amp; Climate</b> | plants have...<br><br>Waxy leaves<br>Short growing season<br>Covered in tiny white hairs                                  |

Name: \_\_\_\_\_

## Pre-Survey

1. Have you ever visited Cabrillo National Monument? YES/NO  
If yes, what was your favorite part?

2. Have you ever visited any other National Parks in the country? YES/NO  
If yes, give details that you remember (example: name of the park, city or state that you visited, when you visited). Use the back if you need more space.

**Directions:** Read each question and circle the correct answer. If you are unsure of the answer make an educated guess, but if you have no idea please don't guess.

3. On average, how much rain does San Diego receive each year?

100 inches

10 inches

50 inches

I have no idea!

4. What does the word "drought" mean?

Having a lot of rain

Having a long period of dry weather with little rain

Having thunderstorms and lightning

I have no idea!

5. A plant adaptation is when the plant changes in some way to help it survive.

TRUE/FALSE/I HAVE NO IDEA

6. How often do you go on nature walks (example: going to a park with your family to look at the trees, flowers, and animals, go hiking, or take a walk in the canyon by your school or house)?

Never

Every Day

Once a week

Once a month

Once a year

Other: \_\_\_\_\_

7. What type of climate do we have here in San Diego?

Subarctic

Mediterranean

Tropical Wet

Arid

I have no idea!

Name: \_\_\_\_\_

## Post-Survey

1. What was your favorite part about the Plant Adaptations Unit? Explain

2. Would you like to visit Cabrillo National Monument with your family and friends? YES/NO  
Explain

3. Would you like to visit other National Parks in the country? YES/NO  
Explain

4. On average, how much rain does San Diego receive each year?

100 inches

10 inches

50 inches

5. What does the word "drought" mean?

Having a lot of rain

Having a long period of dry weather with little rain

Having thunderstorms and lightning

6. A plant adaptation is when the plant changes in some way to help it survive.  
TRUE/FALSE

7. What type of climate do we have here in San Diego?

Subarctic

Mediterranean

Tropical Wet

Arid