

My

Seed

Journal

Name:

Red Butte Garden Grow Lab Program

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Lesson 1:

Directions: Fill in the Blank

Brassica rapa

Brassica means _____ rapa means _____

I **predict** my plant will look like this:

The word prediction means:

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Directions: Match the word to its definition.

Scientist

Studies plants

Botanist

Use 5 senses

Observations

Studies things

Directions: Draw a picture of each of your senses:

Hear

Taste

Touch

Smell

See

Directions: Draw a lima bean and label its parts using the word bank:

Embryo

Food Storage

Seed Coat

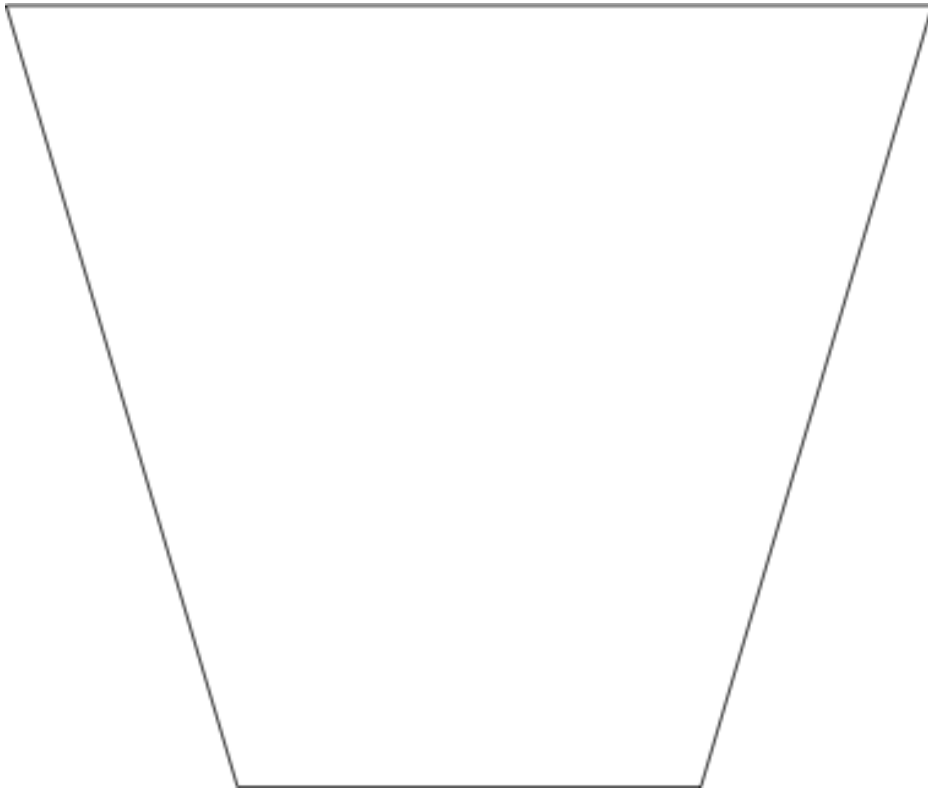
Germinate means: _____

In order to Germinate, seeds need these 3 things:

1. _____
2. _____
3. _____

Directions: fill in the container & label each step

How to plant my seed:



Soil

fertilizer

seeds

vermiculite

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Lesson 2:

Directions: Complete the sentences below.

1. My plant's name is

_____.

2. If my plant could go on a fun adventure, it would go to

_____.

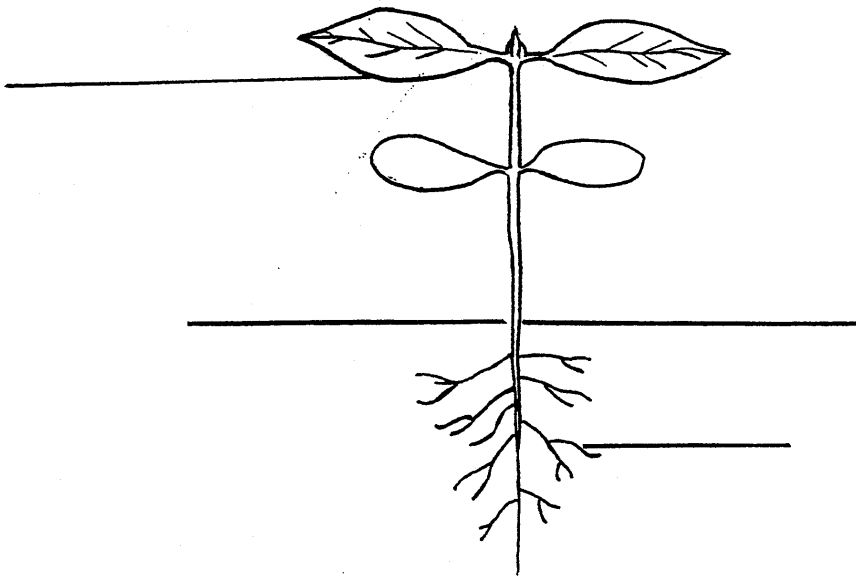
Directions: Draw a picture of your plant on its fun adventure.

Directions:

Label the **leaves** and color them green.

Label the **roots** and color them brown.

Seed Germination - sprouting



Make new observations about your plant. How does it:

Look

Smell

Feel

Sound

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Lesson 3:

Directions: Match the plant part to its function

Roots

Make food for the plant

Stems

Anchor & provide nutrients

Leaves

Transport water, nutrients, and food

Draw your Brassica rapa and label its parts

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Lesson 4:

Directions: Which part of your plant makes food? Look at this part of your plant with a magnifying glass. Draw it. Write your name with this part of the plant below to extract **chlorophyll**.

When plants use sunlight to make food it is called:

Chlorophyll is: _____

Humans and animals get energy from:

Plants get energy from: _____

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Draw a picture of a leaf photosynthesizing

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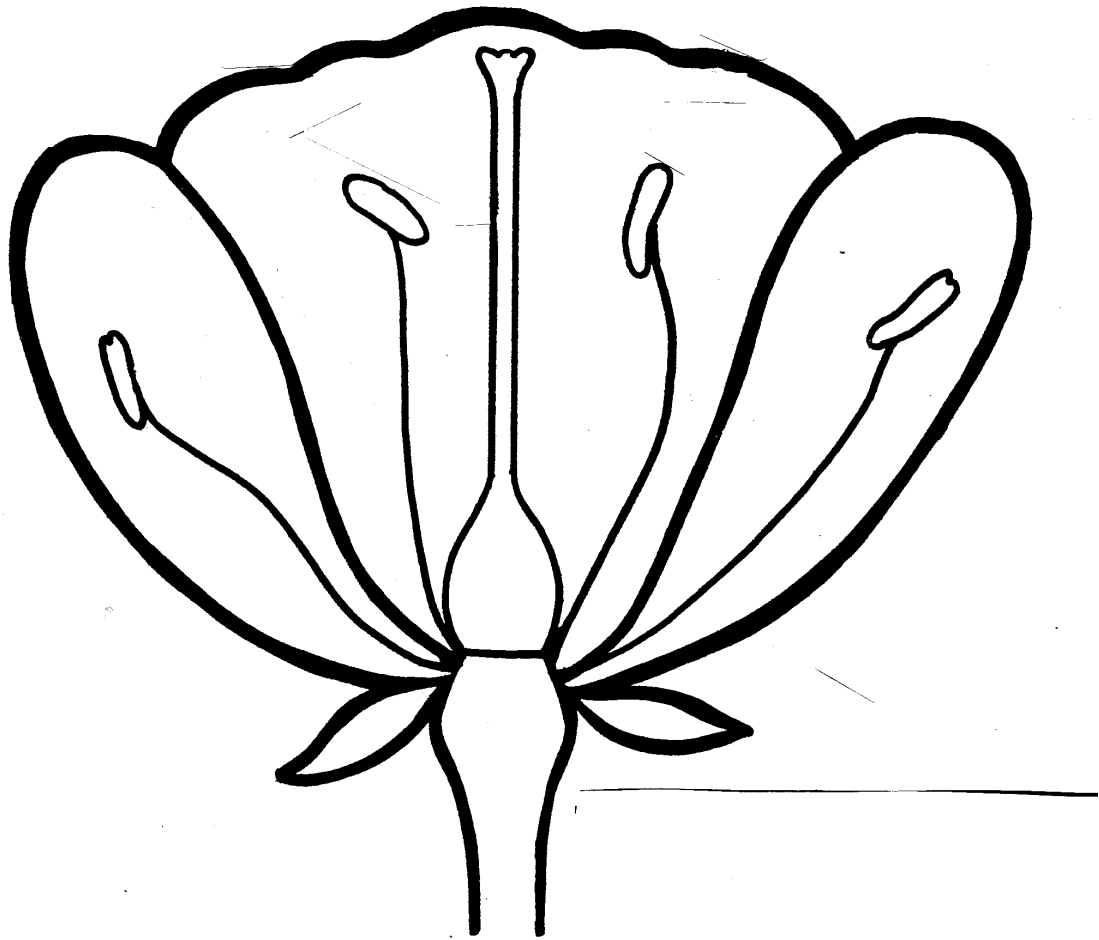
Lesson 5:

Directions: Dissect a flower with your teacher.
Place the flower parts on the correct box:

Petals	Sepal
Ovule	Pistil
Stamen	Pollen

Color the petals red.
Color the pistil blue.

Color the stem green.
Color the stamen yellow.



Directions: Fill in the blanks.

pollen pollinators pollination seeds symbiosis

1. _____ carry pollen from one plant to another.
2. This process is called _____.
3. Plants benefit from this because they need to be pollinated to make new _____.
4. Because plants and pollinators both benefit from it, pollination is an example of _____.

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Draw a picture of a pollinator and the plant it might pollinate.

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Lesson 8:

Directions: Draw pictures showing the way that seeds travel:

Wind

Water

Hitch-hikers

Gravity

Animals

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Ongoing Activity:

Directions: Draw a picture of your plant each day in the boxes below

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____

Date: _____	Date: _____	Date: _____
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