# Plants Vocabulary List & Definitions

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>flower</td>
<td>the part of a plant, often marked by a distinctive color or fragrance, that generates fruit or seeds; blossom.</td>
</tr>
<tr>
<td>germinate</td>
<td>to start or cause to start a process of growth or development; sprout.</td>
</tr>
<tr>
<td>grow</td>
<td>to become larger by the process of natural development; increase.</td>
</tr>
<tr>
<td>leaf</td>
<td>green, flat parts of a plant that grow from the stem or branch and produce food by photosynthesis, or a similar growth or structure.</td>
</tr>
<tr>
<td>petal</td>
<td>one of the separate, modified leaves, usually of a different color from the plant's other leaves, that form the outer part of a flower head.</td>
</tr>
<tr>
<td>photosynthesis</td>
<td>the process in plants by which sunlight, with the help of chlorophyll, is converted to chemical energy that is used to synthesize inorganic compounds into organic ones, esp. sugars.</td>
</tr>
<tr>
<td>plankton</td>
<td>free-floating, usu. microscopic plant and animal life found in fresh or salt water.</td>
</tr>
<tr>
<td>root</td>
<td>the part of a plant that usu. grows underground, absorbs water and nutrients, and attaches the plant to the soil.</td>
</tr>
<tr>
<td>seed</td>
<td>the small part of a flowering plant that is capable of growing into a new plant.</td>
</tr>
<tr>
<td>stem</td>
<td>the main axis of a plant, usu. above ground, from which branches, leaves, flowers, or fruits may arise.</td>
</tr>
<tr>
<td>chloroplast</td>
<td>a small oval green bit of protoplasm that contains chlorophyll and is the location of photosynthesis.</td>
</tr>
</tbody>
</table>
Name ___________________________        Date ___________________

Plants Word Search Worksheet

Directions: All words are positioned left to right, right to left, and diagonally.

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

<table>
<thead>
<tr>
<th>GROW</th>
<th>ROOT</th>
<th>PETAL</th>
<th>SEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHLOROPLAST</td>
<td>LEAF</td>
<td>FLOWER</td>
<td></td>
</tr>
<tr>
<td>PHOTOSYNTHESIS</td>
<td>STEM</td>
<td>GERMINATION</td>
<td></td>
</tr>
</tbody>
</table>

©Teachnology, Inc. All Rights Reserved.
Comparing Flowering and Non-Flowering Plants

Flowering Plants

Non-Flowering Plants
Do The Research!

Plants

**Topic: Wow Facts!**

**Directions:** Research the topic indicated to the right, and answer the questions below, based on that topic.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong> What is the largest living organism on the planet? <em>(Hint: It's not an animal)</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2.</strong> Why are the leaves of most plants green?</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3.</strong> How many different species of plants are carnivorous?</td>
<td></td>
</tr>
</tbody>
</table>
Plants Vocabulary Quiz

Directions: Match the vocabulary words on the left with the definitions on the right.

1. seed - the main axis of a plant, usu. above ground, from which branches, leaves, flowers, or fruits may arise.

2. flower - a small oval green bit of protoplasm that contains chlorophyll and is the location of photosynthesis.

3. root - to become larger by the process of natural development; increase.

4. petal - the process in plants by which sunlight, with the help of chlorophyll, is converted to chemical energy that is used to synthesize inorganic compounds into organic ones, esp. sugars.

5. germinate - to start or cause to start a process of growth or development; sprout.

6. grow - one of the usu. green, flat parts of a plant that grow from the stem or branch and produce food by photosynthesis, or a similar growth or structure.

7. photosynthesis - the small part of a flowering plant that is capable of growing into a new plant.

8. chloroplast - one of the separate, modified leaves, usu. of a different color from the plant's other leaves, that form the outer part of a flower head.

9. stem - the part of a plant, often marked by a distinctive color or fragrance, that generates fruit or seeds; blossom.

10. leaf - the part of a plant that usu. grows underground, absorbs water and nutrients, and attaches the plant to the soil.
Plants Acrostic Poem

An acrostic poem is one where you choose a word or name and use each letter in the name as the beginning of a word or line that tells something about that person or topic.

Example: An acrostic poem using the word "Sun."

S

Sometimes when we go to the beach, I will get sunburn.

U

Usually, if I put sun block on my skin, I will not burn.

N

Noon is when I'm really prone to burning.

Write an Acrostic Poem using the word below.

P

L

A

N

T

S
Plants Maze Worksheet

Directions:

Take the seeds to the flower garden.
# Plants KWL Worksheet

<table>
<thead>
<tr>
<th>K</th>
<th>W</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>What I Know</td>
<td>What I Want To Learn</td>
<td>What I Have Learned</td>
</tr>
</tbody>
</table>

©Teachnology, Inc. All Rights Reserved.
### If I Was A.... ? Worksheet

**Plant**

1. Choose any plant. Pretend you are this plant for the remaining questions.

   ____________
   
   ____________
   
   ____________
   
   Plant Name

2. Where in the world do you grow the most?

   ___________________________________________________

3. Do humans make your life better or worse? Explain.

   ___________________________________________________
   
   ___________________________________________________
   
   ___________________________________________________

4. How do you reproduce?

   ___________________________________________________

5. What color are you?

   ___________________________________________________
**Plants Group Creative Writing**

**Directions:** As a group, you have 25 minutes to write a brief story using the words below.

<table>
<thead>
<tr>
<th>GROW</th>
<th>ROOT</th>
<th>PETAL</th>
<th>SEEDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHLOROPLAST</td>
<td>LEAF</td>
<td>FLOWER</td>
<td></td>
</tr>
<tr>
<td>PHOTOSYNTHESIS</td>
<td>STEM</td>
<td>GERMINATION</td>
<td></td>
</tr>
</tbody>
</table>
Plants Cryptogram Worksheet

Directions: Unscramble the words by placing the correct letter in the shaded boxes. Use the numbered boxes to complete the answer to the riddle.

RIDDLE:

What common houseplant is poisonous to cats?

RTALLOOHCPS  LORWFE  APLET

RTENAIOMNIG  ETMS  OOTR

DEESS  OWRG  FELA

ANSWER:
Plants Word Chop Worksheet

Directions: The table below contains words that have been chopped in half. Find the pieces that fit together and write them in the answer area below.

<table>
<thead>
<tr>
<th>nthesis</th>
<th>ro</th>
<th>ot</th>
<th>wer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ow</td>
<td>gr</td>
<td>tal</td>
<td>photosy</td>
</tr>
<tr>
<td>oplast</td>
<td>af</td>
<td>flo</td>
<td>st</td>
</tr>
<tr>
<td>pe</td>
<td>em</td>
<td>germi</td>
<td>chlor</td>
</tr>
<tr>
<td>se</td>
<td>nation</td>
<td>eds</td>
<td>le</td>
</tr>
</tbody>
</table>

Answers:

________________________  __________________________
________________________  __________________________
________________________  __________________________
________________________  __________________________
________________________  __________________________
________________________  __________________________
________________________  __________________________
________________________  __________________________
Answers to Cryptogram

RTALLOOHCP: Chloroplast

LORWFE: Flower

APLET: Petal

RTENAIOMNIG: Germination

ETMS: Stem

OOTR: Root

DEESS: Seeds

OWRG: Grow

FELA: Leaf

Riddle: Poinsettia