

Name _____

Date _____

Plants Vocabulary List & Definitions

flower	the part of a plant, often marked by a distinctive color or fragrance, that generates fruit or seeds; blossom.
germinate	to start or cause to start a process of growth or development; sprout.
grow	to become larger by the process of natural development; increase.
leaf	green, flat parts of a plant that grow from the stem or branch and produce food by photosynthesis, or a similar growth or structure.
petal	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.
photosynthesis	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.
plankton	free-floating, usu. microscopic plant and animal life found in fresh or salt water.
root	the part of a plant that usu. grows underground, absorbs water and nutrients, and attaches the plant to the soil.
seed	the small part of a flowering plant that is capable of growing into a new plant.
stem	the main axis of a plant, usu. above ground, from which branches, leaves, flowers, or fruits may arise.
chloroplast	a small oval green bit of protoplasm that contains chlorophyll and is the location of photosynthesis.

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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 K 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
P E T A L V L F O P J P V S I O V D F Y J V R
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

GROW	ROOT	PETAL	SEEDS
CHLOROPLAST	LEAF	FLOWER	
PHOTOSYNTHESIS	STEM	GERMINATION	

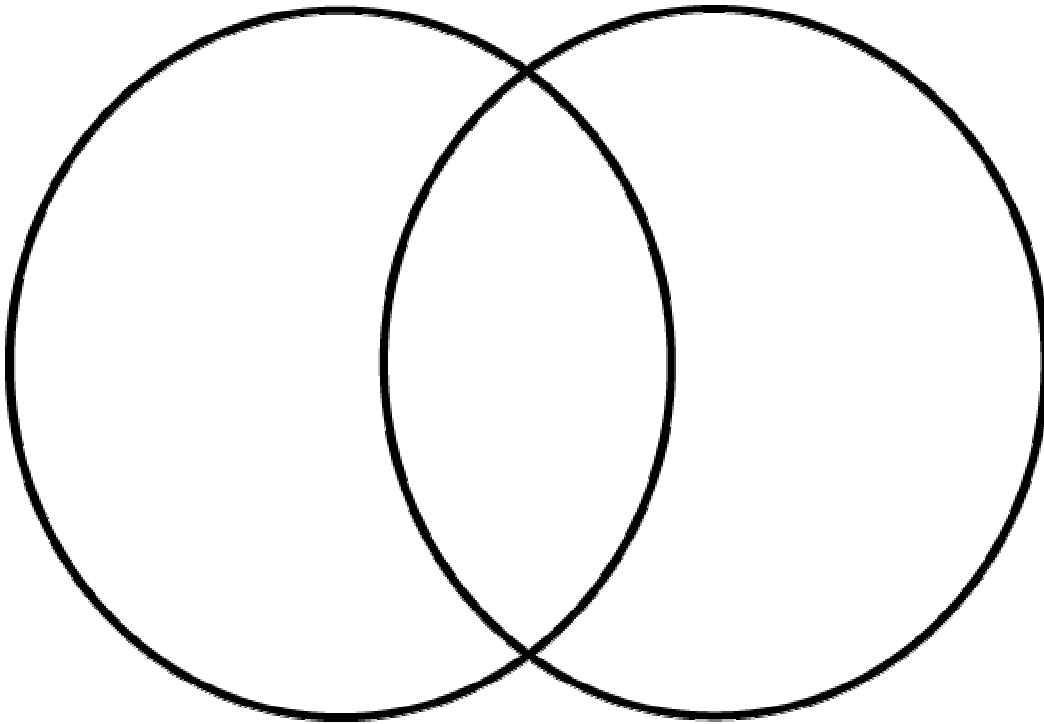
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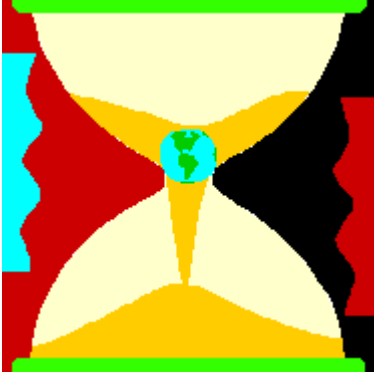
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Comparing Flowering and Non-Flowering Plants

Flowering Plants

Non-Flowering Plants





Do The Research!

Plants

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

Topic: Wow Facts!

<p>1. What is the largest living organism on the planet? (Hint: It's not an animal)</p>	<hr/> <hr/> <hr/> <hr/>
<p>2. Why are the leaves of most plants green?</p>	<hr/> <hr/> <hr/> <hr/>
<p>3. How many different species of plants are carnivorous?</p>	<hr/> <hr/> <hr/> <hr/>

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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.

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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."

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

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

Noon is when I'm really prone to burning.

Write an Acrostic Poem using the word below.

P

L

A

N

T

S

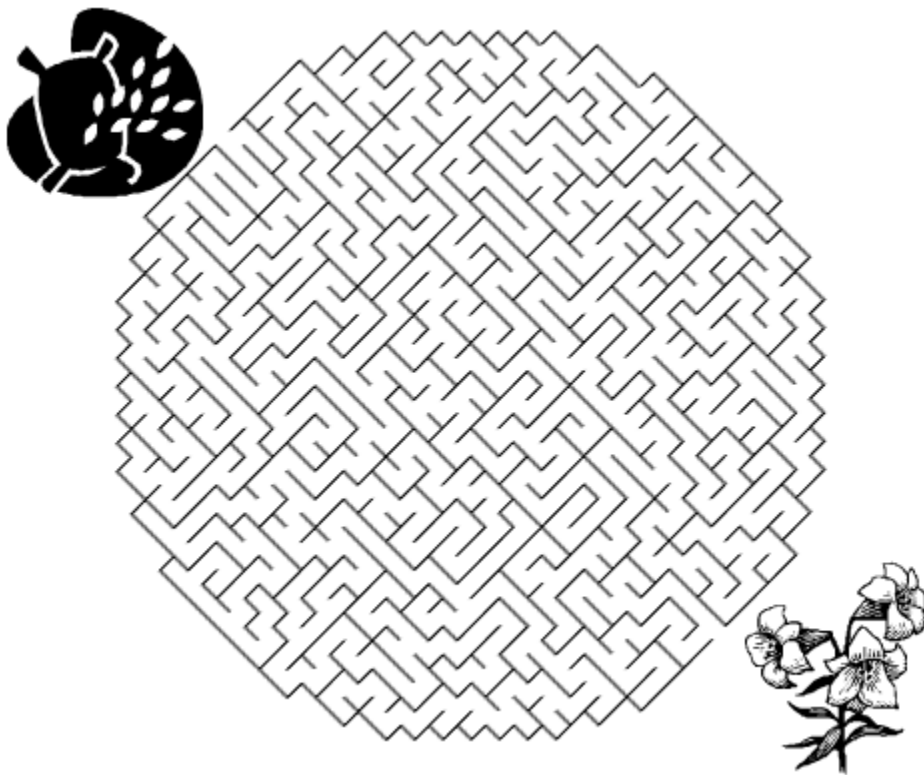
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Plants Maze Worksheet

Directions:

Take the seeds to the flower garden.



Name _____

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Plants KWL Worksheet

K <i>What I Know</i>	W <i>What I Want To Learn</i>	L <i>What I Have Learned</i>



If I Was A.... ? Worksheet

Plant

<p>1. Choose any plant. Pretend you are this plant for the remaining questions.</p>	<p style="text-align: center;">_____</p> <p style="text-align: center;">Plant Name</p>
<p>2. Where in the world do you grow the most?</p>	<p>_____</p>
<p>3. Do humans make your life better or worse? Explain.</p>	<p>_____</p> <p>_____</p> <p>_____</p>
<p>4. How do you reproduce?</p>	<p>_____</p>
<p>5. What color are you?</p>	<p>_____</p>

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Plants Group Creative Writing

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

GROW	ROOT	PETAL	SEEDS
CHLOROPLAST	LEAF	FLOWER	
PHOTOSYNTHESIS	STEM	GERMINATION	

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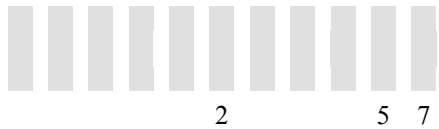
Plants Cryptogram Worksheet

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?

RTALLOOHCP



LORWFE



APLET



RTENAIOMNIG



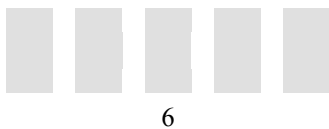
ETMS



OOTR



DEESS



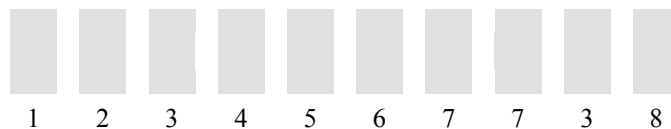
OWRG



FELA



ANSWER:



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Plants Word Chop Worksheet

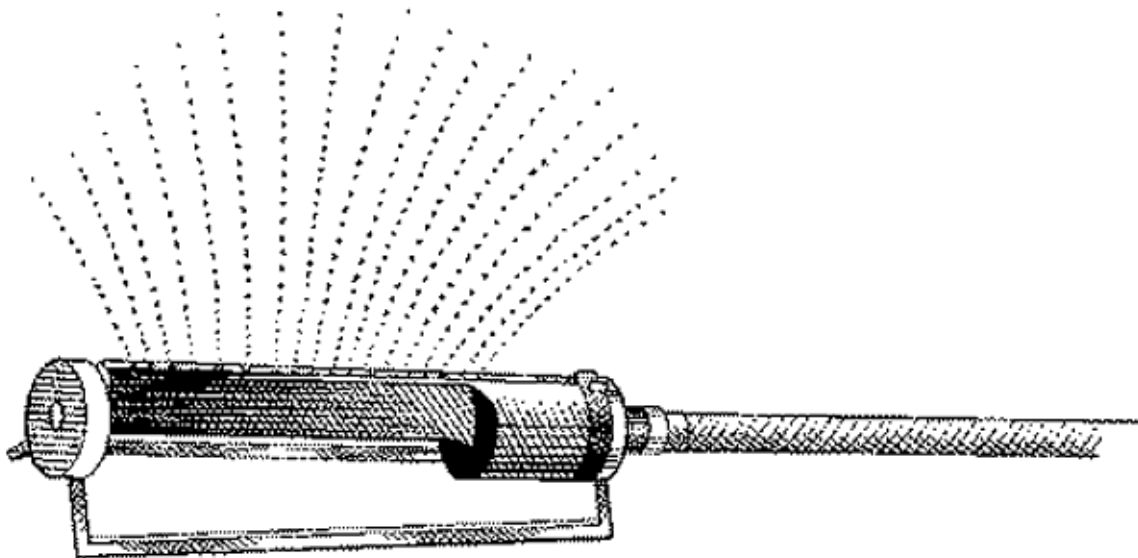
Directions: The table below contains words that have been chopped in half. Find the pieces that fit together and write them in the answer area below.

nthesis	ro	ot	wer
ow	gr	tal	photosy
oplast	af	flo	st
pe	em	germi	chlor
se	nation	eds	le

Answers:

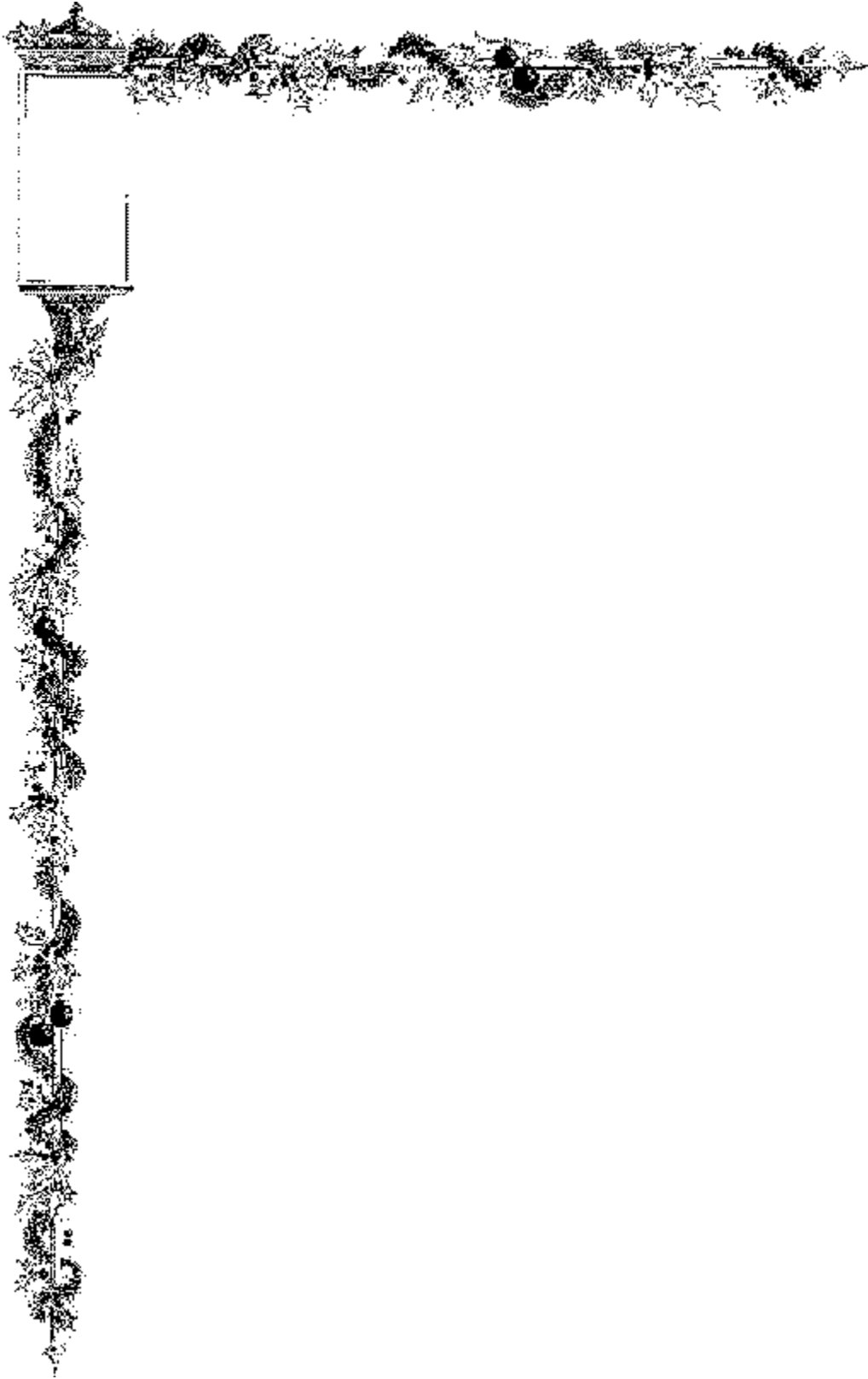
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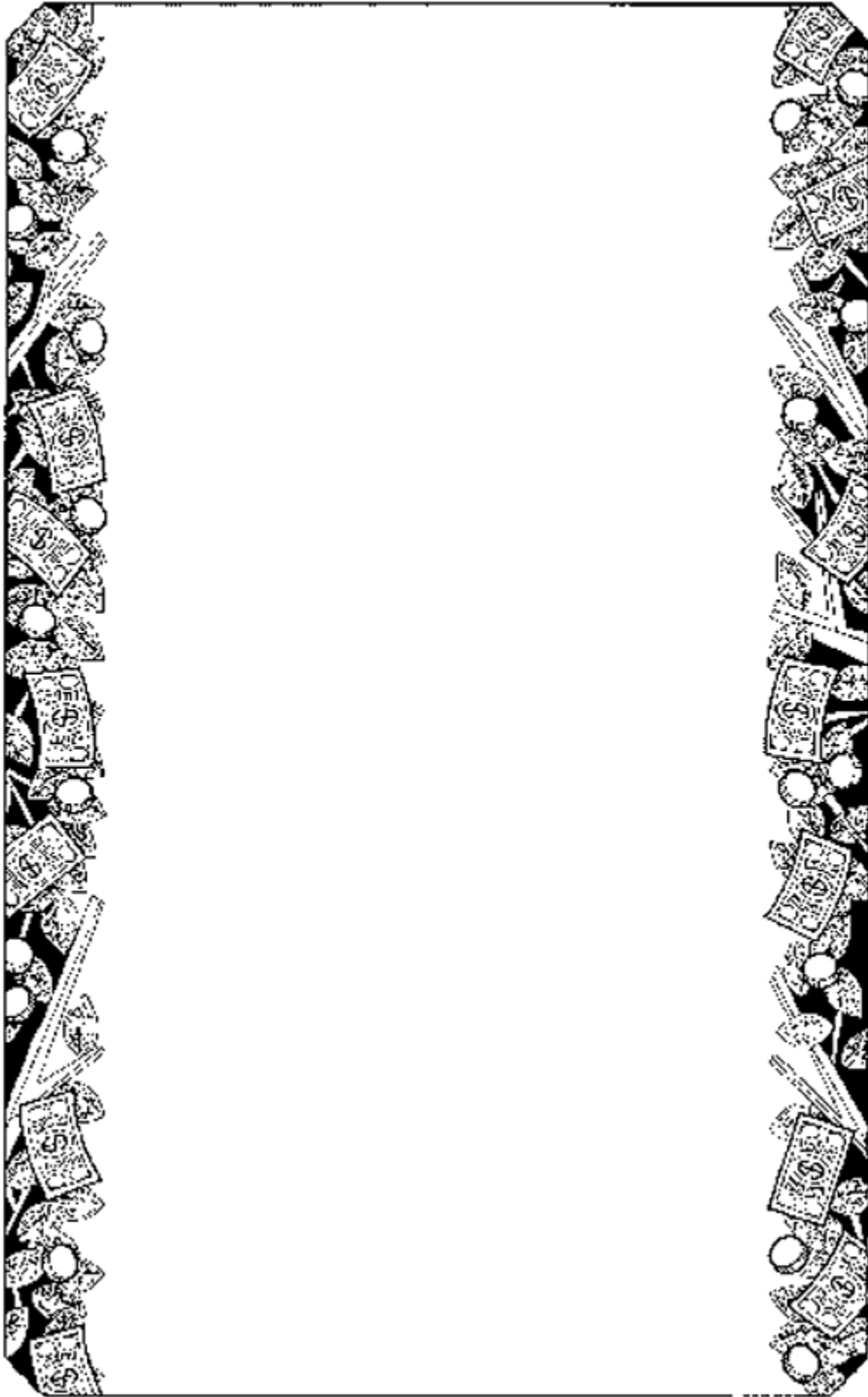
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Name _____

Date _____



Name _____

Date _____

Answers to Cryptogram

RTALLOOHCPS: Chloroplast

LORWFE: Flower

APLET: Petal

RTENAIOMNIG: Germination

ETMS: Stem

OOTR: Root

DEESS: Seeds

OWRG: Grow

FELA: Leaf

Riddle: Poinsettia