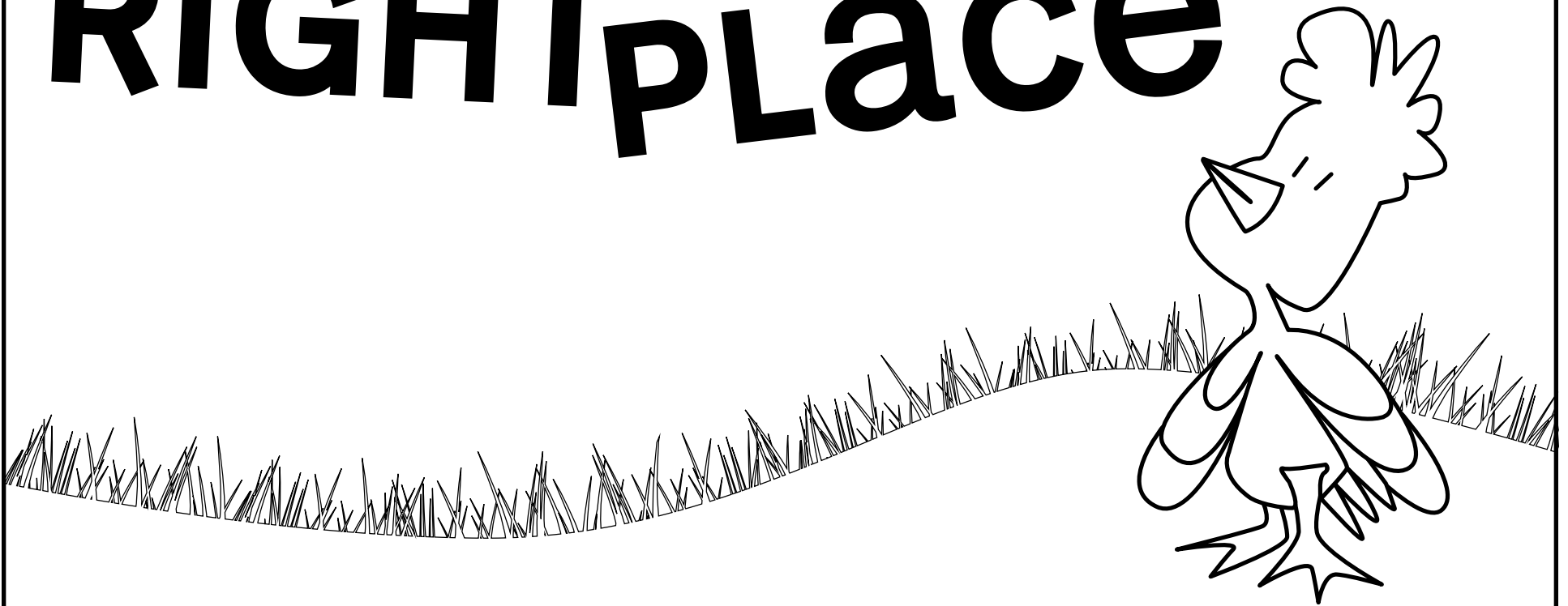


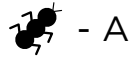
an ACTIVITY BOOK FOR AGES 7 THROUGH 11

THE RIGHT TREE IN THE RIGHT PLACE

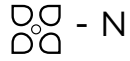


nature Dec*DER

Decode our message by using the symbols below.



- A



- N



- B



- O



- C



- P



- D



- Q



- E



- R



- F



- S



- G



- T



- H



- U



- I



- V



- J



- W



- K



- X



- L



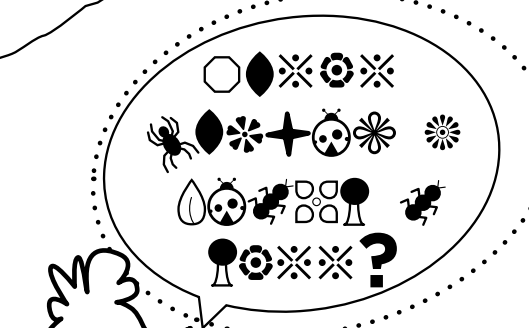
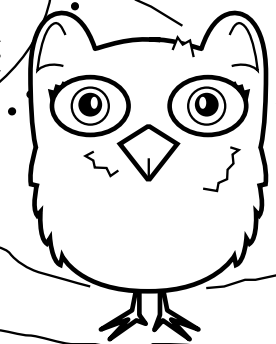
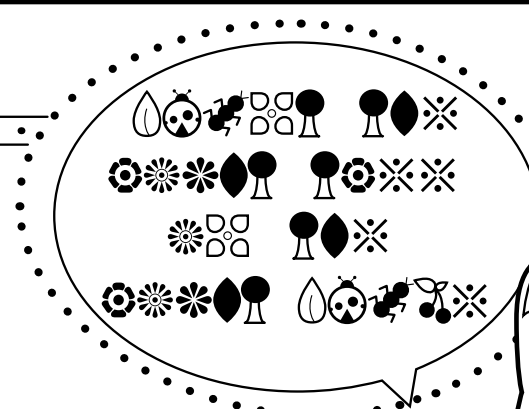
- Y



- M



- Z



★ PARENT TIP
 Be sure to teach your children about the dangers of climbing trees near power lines.



The **BUCKEYE** is a sturdy hardwood tree that has leaves that spread out from the stem like fingers on the palm of your hand.

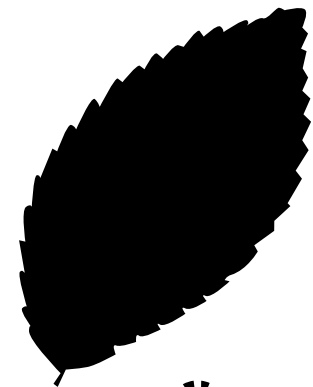
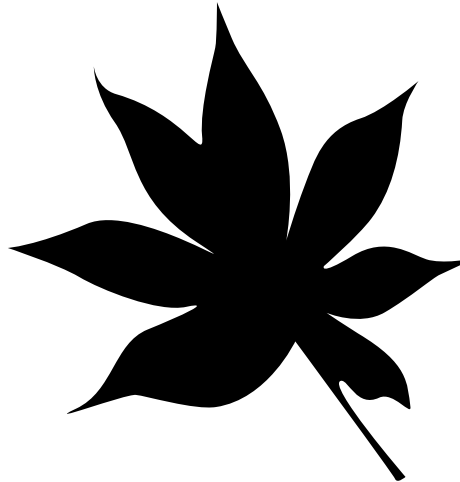
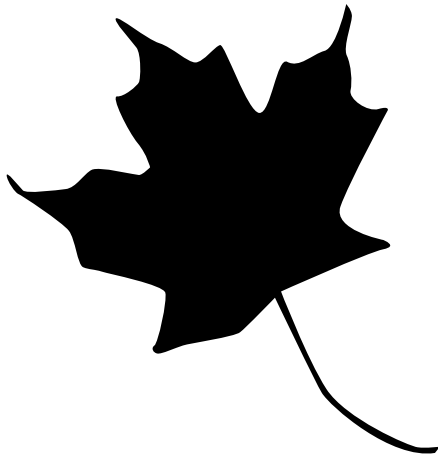
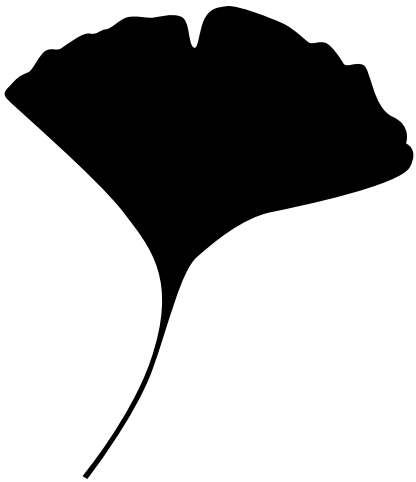
The **SILVER MAPLE** is a highly adaptable tree, but its branches are often damaged in storms due to its soft wood. The leaves of this tree are formed out of three main points.

The **GINKGO TREE** has a fan-shaped leaf with rounded uneven ridges along the top edge with a small notch near the top center of the leaf.

The **AMERICAN ELM** leaf has an oval shape with small jagged ridges running along the outer edge. Normally very hardy, these trees are now very susceptible to the fungus Dutch Elm Disease.

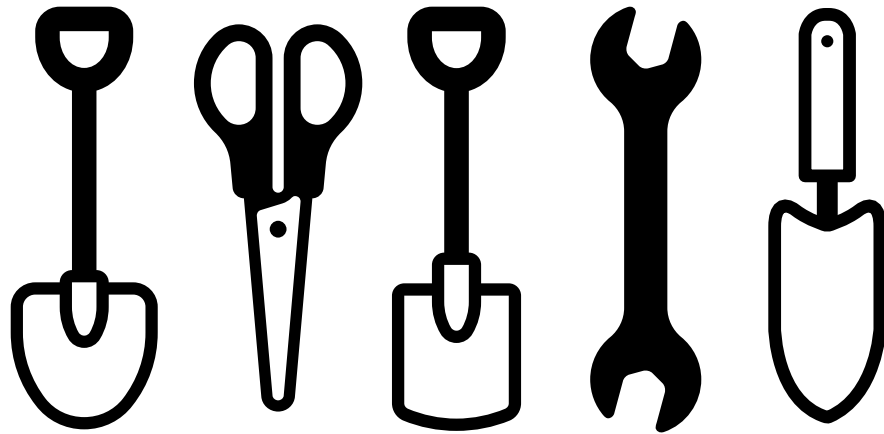
Leaf Detective

Can you figure out what trees these leaves dropped from? Read some of the clues...



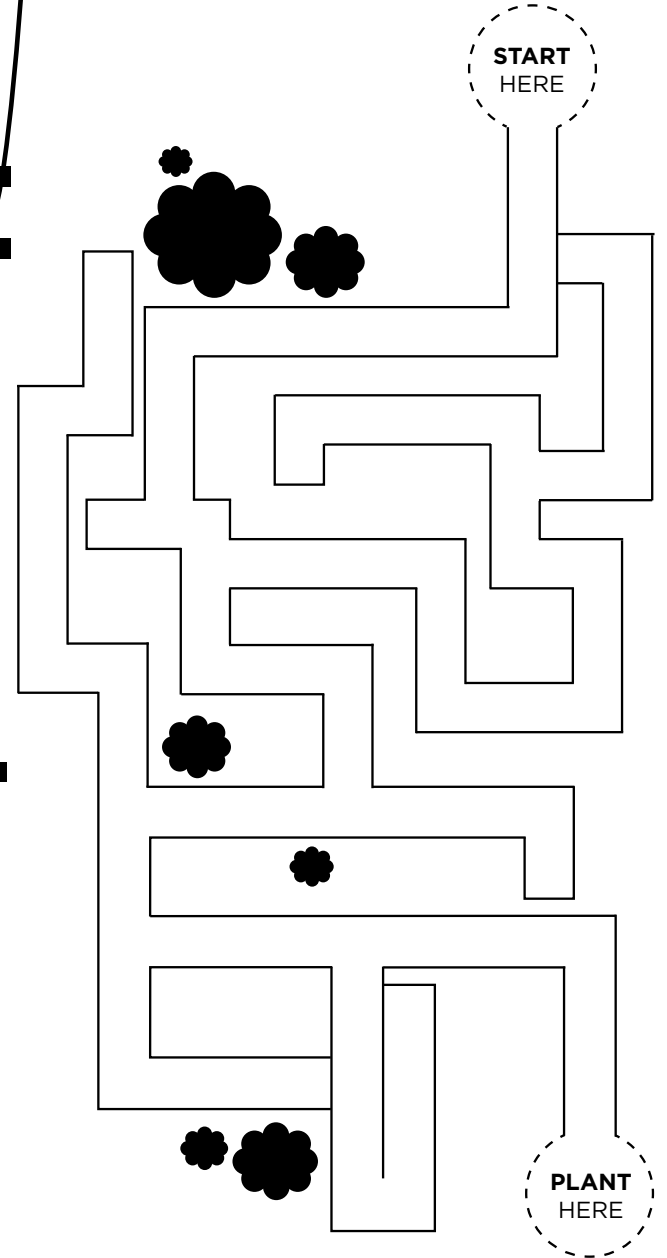
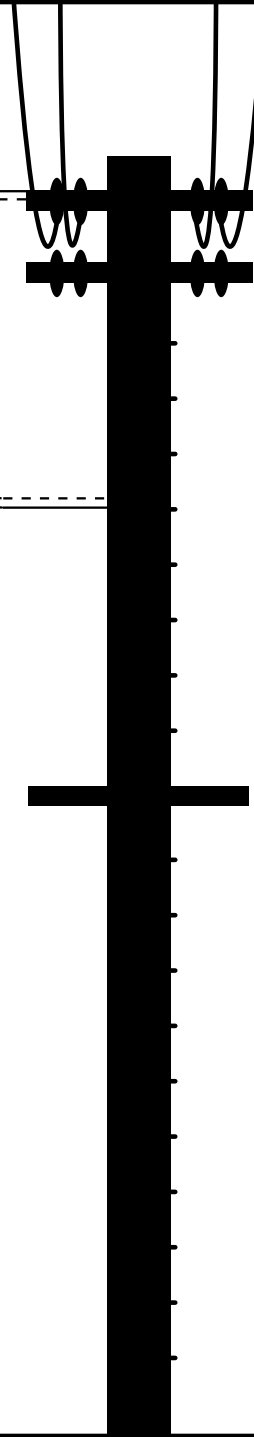
WHERE TO PLANT

Plant new trees in your backyard away from power lines and other trees. Get through the maze to find the best spot. Circle the tools below you will use to plant your tree.



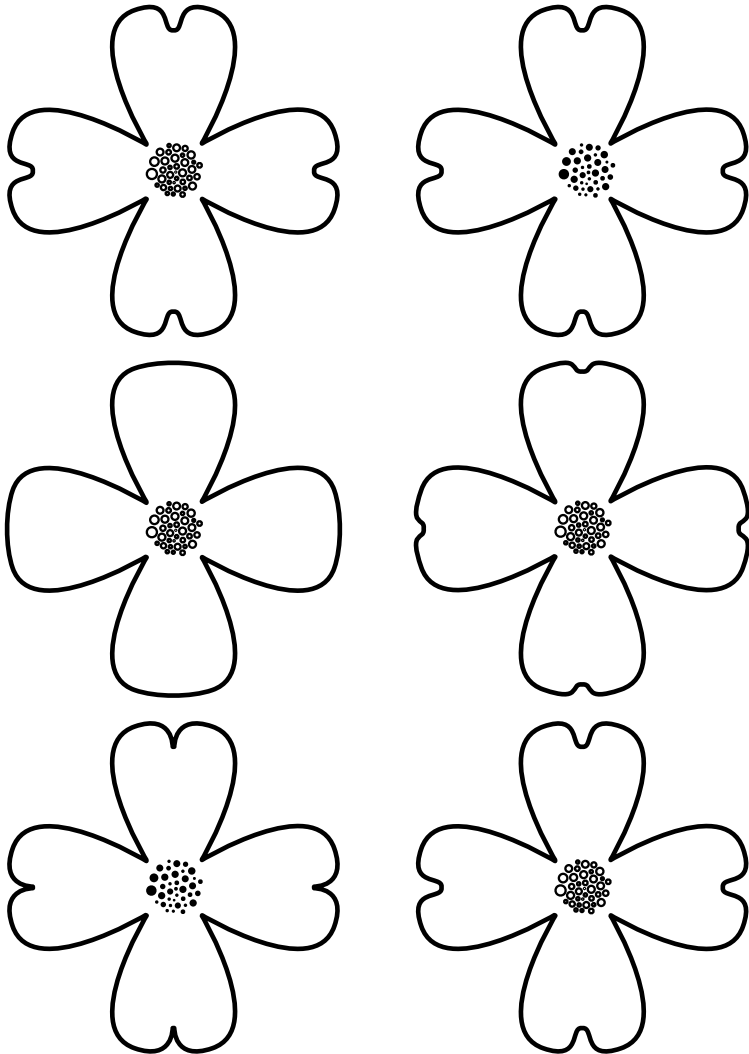
PARENT TIP

Trees can help save energy by providing shade and minimizing direct and reflected sunlight on your home. In fact, even having your AC unit in the shade will significantly increase its operating efficiency.



DOGWOOD PAIRS

All of these flowers fell from a flowering dogwood, but two of the flowers below are exactly the same. Can you figure out which two?



TREE TROUBLE


Use the symbols to figure out the tree names below. All of these trees grow to be huge and should always be planted over 30 feet away from power lines.












 - oak

 - pine

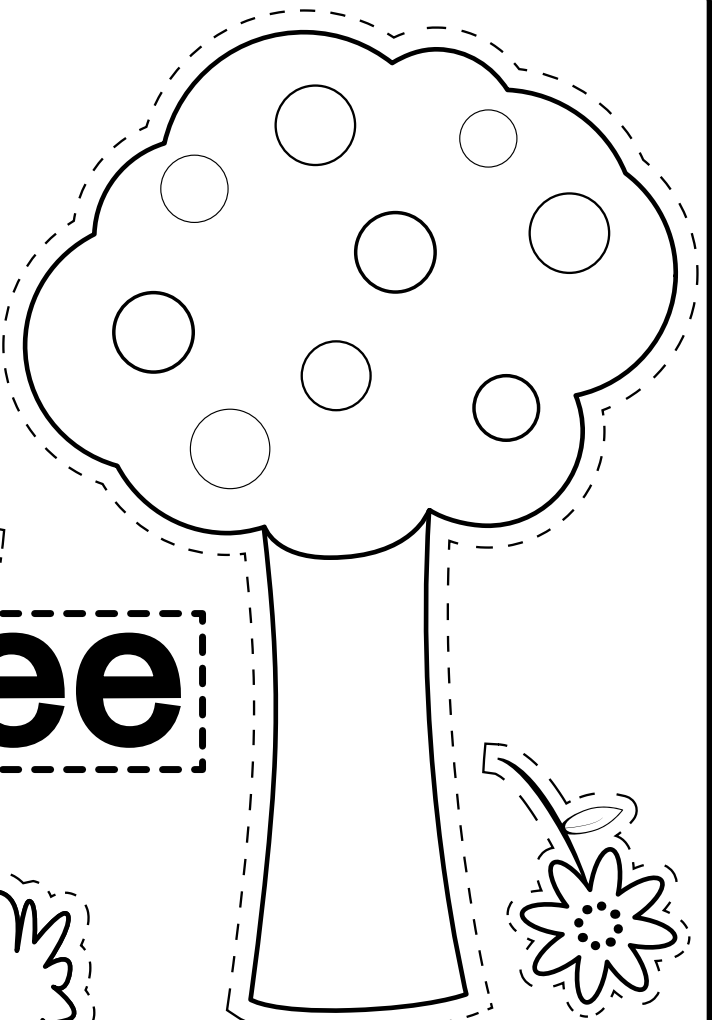
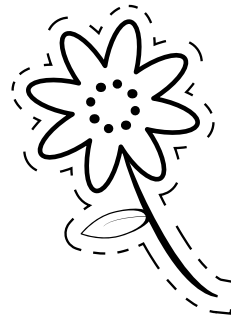
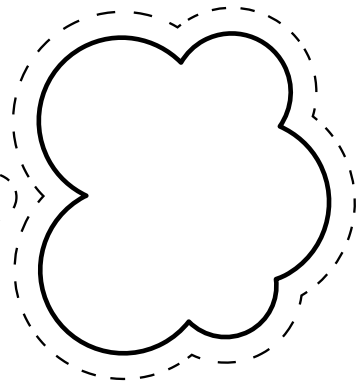
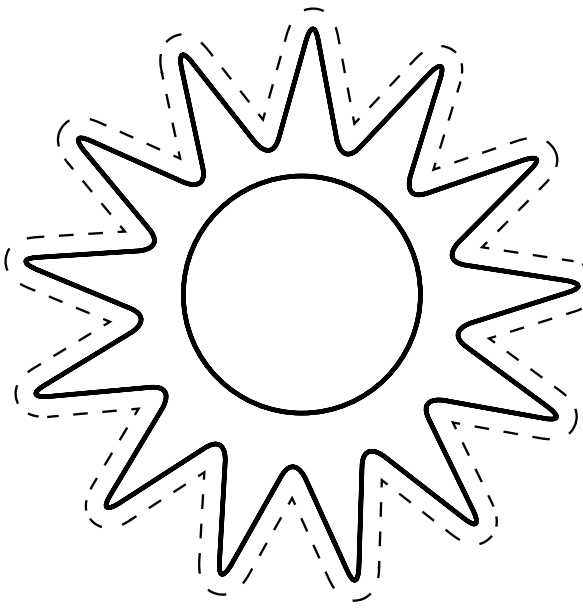
 - white

 - bur

 - red

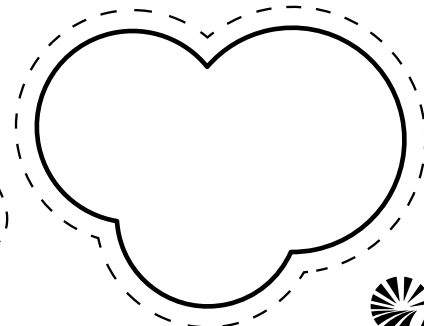
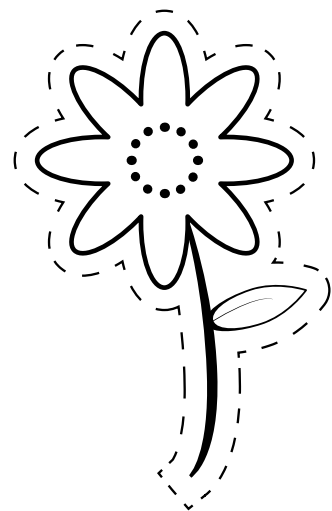
 - northern

 - scotch



Make your own outdoors picture by cutting out these items and arranging them on another sheet of paper.

PAPER TREE



TREE TANGLES

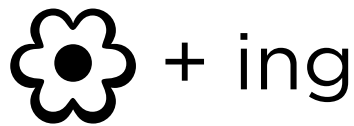
Using the symbols, find out what trees are safe to plant 15 feet away from power lines.



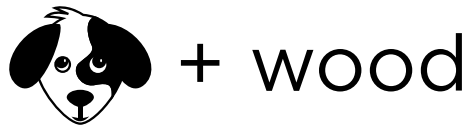
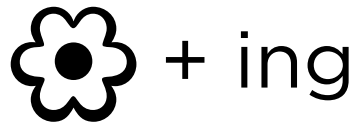
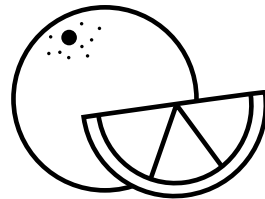
PARENT TIP

Small trees are great for streetside locations near cars, sidewalks, and power lines.

- PLANT
- GROW
- SAFETY
- TRIM
- HOLE
- SHOVEL
- DIG
- POWERLINES
- GARDEN
- HOSE
- PLACEMENT
- SAPLING

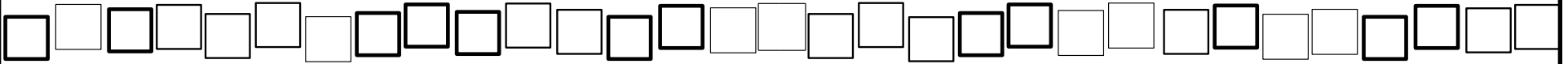


mock +



P	G	N	P	D	O	E	P	R	I
S	A	P	L	I	N	G	L	G	A
H	R	M	A	G	P	R	A	A	N
O	D	E	N	L	O	O	C	R	E
V	E	E	T	N	C	W	E	H	A
E	N	I	O	T	R	I	M	O	R
L	H	C	A	E	R	T	E	L	H
P	O	W	E	R	L	I	N	E	S
E	S	N	S	A	F	E	T	Y	T
S	E	T	P	E	G	T	P	A	L

CROSSWORD PUZZLE

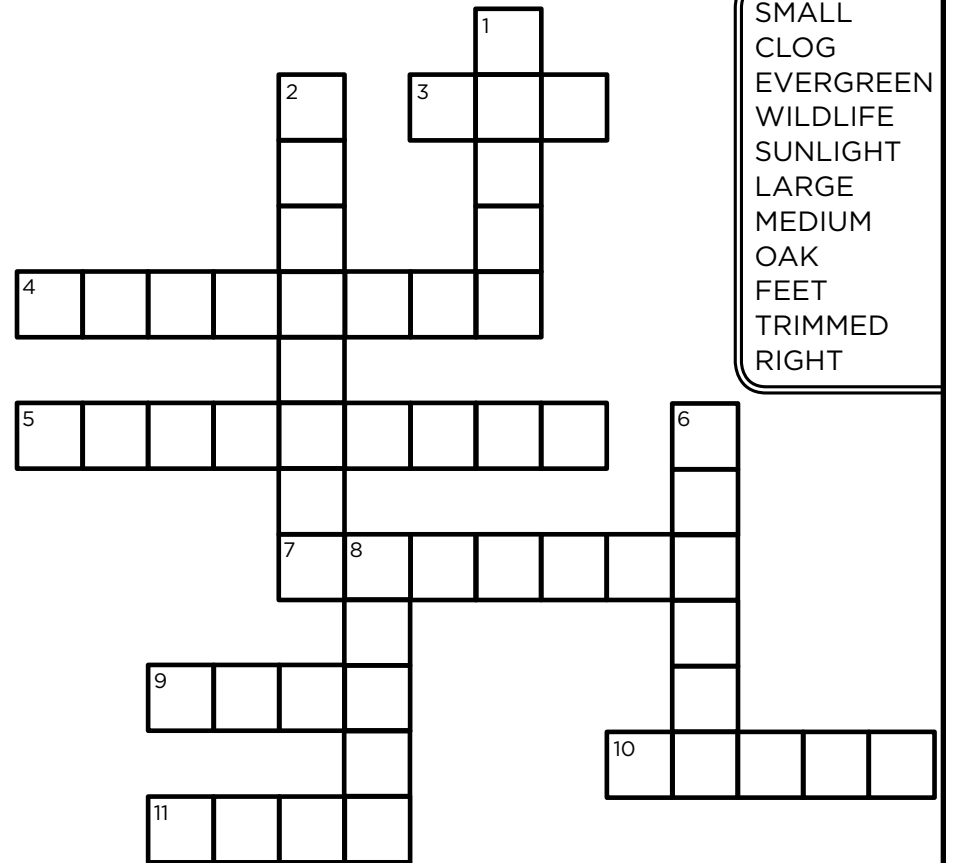


ACROSS

- 3 _____ trees are tall, sturdy, and have acorns for seeds.
- 4 Another name for the animals in your yard.
- 5 A type of tree that has needles instead of leaves and pinecones to spread seeds.
- 7 A tree with limbs in power lines should be _____ by a professional tree service or by Ameren.
- 9 Be careful where you plant shallow-rooted trees, because they can _____ sewer lines, causing damage.
- 10 _____ trees should not be planted within 20 feet of power lines.
- 11 Trees planted near power lines should reach a height of no more than 25 _____ .

DOWN

- 1 _____ trees should be planted at least 30 feet away from power lines.
- 2 Trees block _____ to create shade.
- 6 _____ sized trees can be planted between 20 to 30 feet from power lines.
- 8 Remember to plant the _____ tree in the _____ place.



PARENT TIP

Be careful where you plant trees, because strong winds and storms can cause branches to fall on your house, car or power lines.

MIX AND MATCH UP



PARENT TIP

.....
If you have concerns about your trees growing too close to power lines, call Ameren and they will check to see if there is a problem.

Can you spot the differences between these pictures?

