

PLANT PUZZLES

GAME TO PLAY AT HOME



COMPLETE A PUZZLE TO EXPLORE PARTS OF PLANTS.

What parts does a plant have? What parts does a tree have?

TIME: 15–20 minutes

MATERIALS

- A blank piece of paper
- Plant Part Cards
- Tree Reference Sheet
- Drawing materials, such as pencils, crayons, or markers
- Scissors

NUMBER OF PLAYERS: 1 or more

DIRECTIONS

1

SET UP

Print out the Tree Reference Sheet. Print out the Plant Part Cards. Then cut apart the cards, and shuffle them into a deck. Set out a blank piece of paper and drawing materials.

2

GOAL

Your child will **observe** the different parts of plants. Then they will use the parts to draw a complete tree.

3

EXPLORE

Show your child the Tree Reference Sheet. Encourage your child to name the parts of a tree: roots, trunk, branches, leaves, and fruit. Ask your child to **notice** how the different parts of the tree connect. The roots grow in the ground. The trunk grows up from the roots. The branches grow out from the trunk. And the leaves and fruit grow on the branches. You and your child can pretend to be trees. Together you can stomp your roots, shake your trunks, wave your branches, and wiggle your leaves and fruit.

4

PLAY

Your child can use the deck of Plant Part Cards to draw a tree! Have your child take the top Plant Part Card from the deck. Encourage your child to look at the Tree Reference Sheet and **observe** where that part goes on a tree. Help your child **figure out** where on the page to draw that plant part.



5

PLAY

Your child can take another Plant Part Card from the deck. Ask your child to check the Tree Reference Sheet. Ask your child, *Where can you draw this part? Does this part connect to the part you already drew?* Have your child draw the part of the tree.

6

PLAY

Your child can keep taking Plant Part Cards and drawing more parts on their tree. When the tree has all five parts—roots, trunk, one or more branches, one or more leaves, and one or more fruits—the tree is finished!

7

SHARE

Encourage your child to **share what they found out** about the parts of a tree. How do the different parts connect? How are the parts alike? How are they different?

8

MORE WAYS TO PLAY

Draw a tree with your child! You can take turns picking a card and drawing the next part. What will your tree look like?

You can draw a tree, and your child can draw a tree. But don't show each other until your trees are done! Then **compare** how your trees look the same and different.

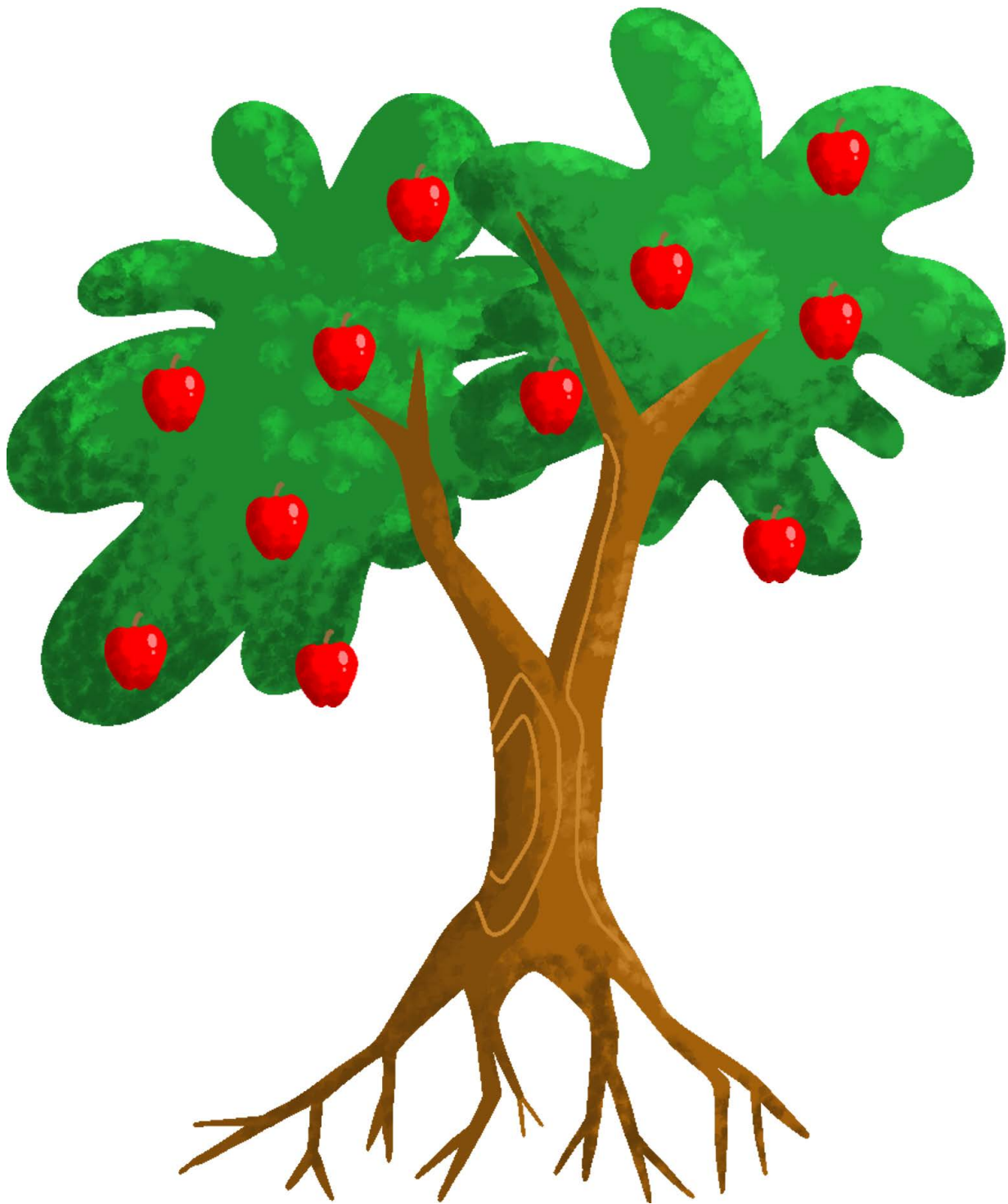


The contents of this document were developed under a grant from the U.S. Department of Education. However, those contents do not necessarily represent the policy of the Department of Education, and you should not assume endorsement by the Federal Government. PR/Award Number U295A150012. The U.S. Department of Education is the funding agency.



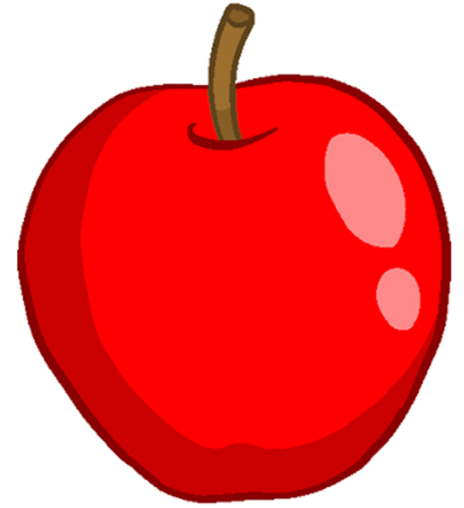
TWIN
CITIES
PBS

Tree Reference Sheet

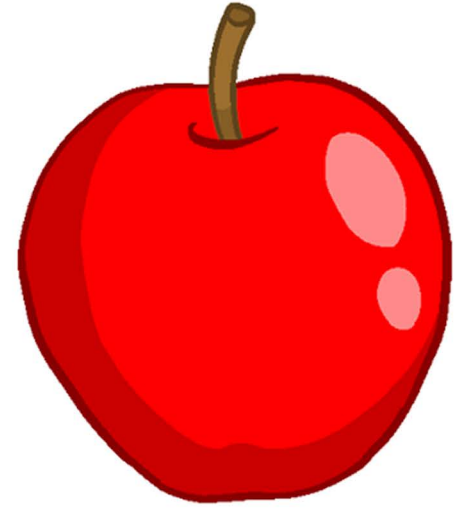
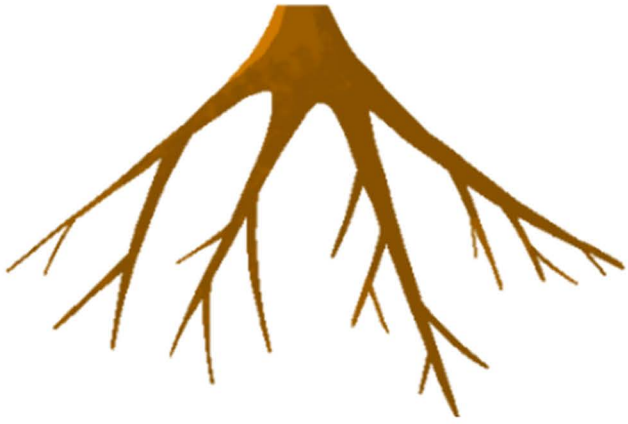


APPLE TREE

Plant Part Cards



Plant Part Cards



Plant Part Cards

