

Plants Have Parts



Plants
have
roots.



Genesis 1:11
Then God said, "Let the land produce
vegetation: seed-bearing plants and trees on
the land that bear fruit with seed in it."



Plants have stems.

Genesis 1:11
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Plants
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Genesis 1:11
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Plants have buds.



Genesis 1:11
Then God said, "Let the land produce
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Plants have flowers.

Plants
have
leaves.

Genesis 1:11
Then God said, "Let the land produce
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Plants have leaves.

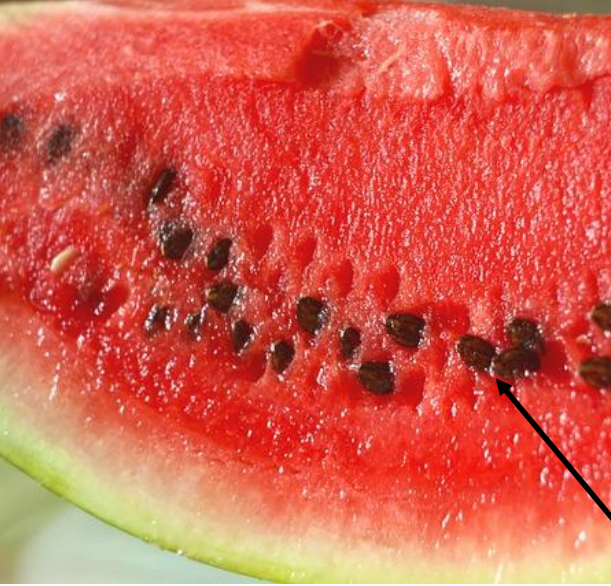
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Genesis 1:11
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Plants have fruits.



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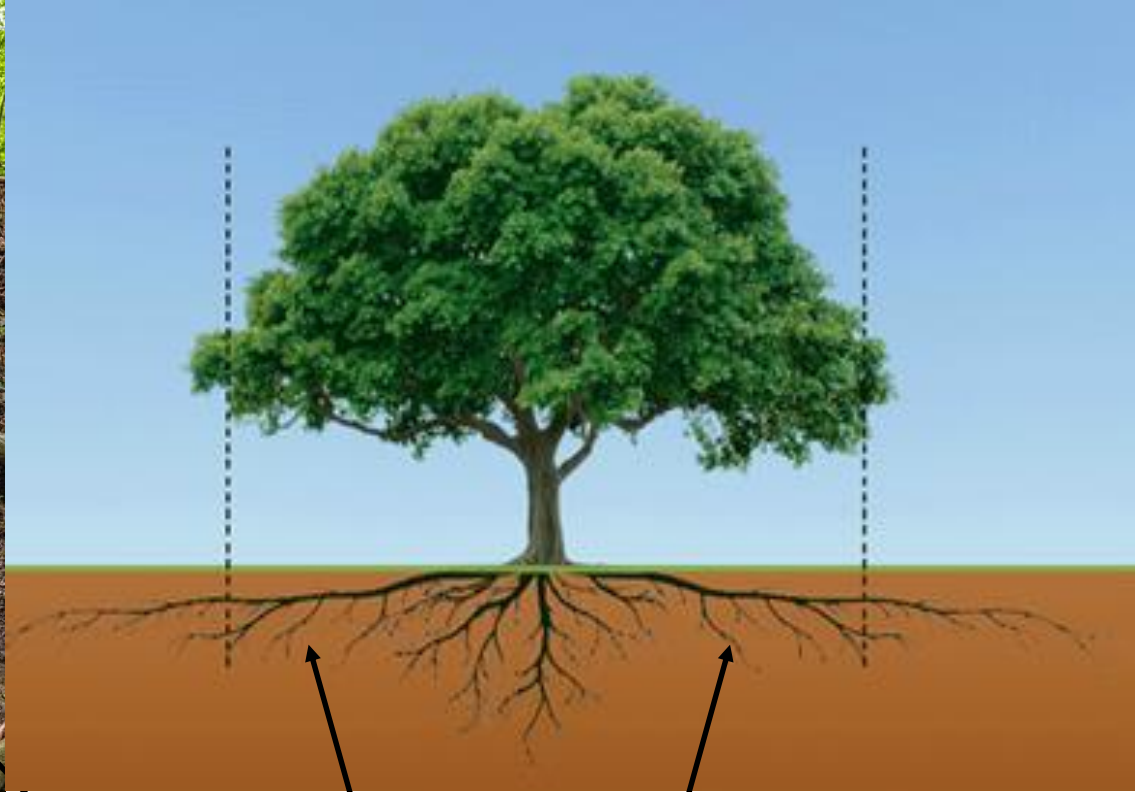
Plants have seeds.



Genesis 1:11

Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."

Trees are plants.



Genesis 1:11

Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it"

Trees have roots



Genesis 1:11

Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."

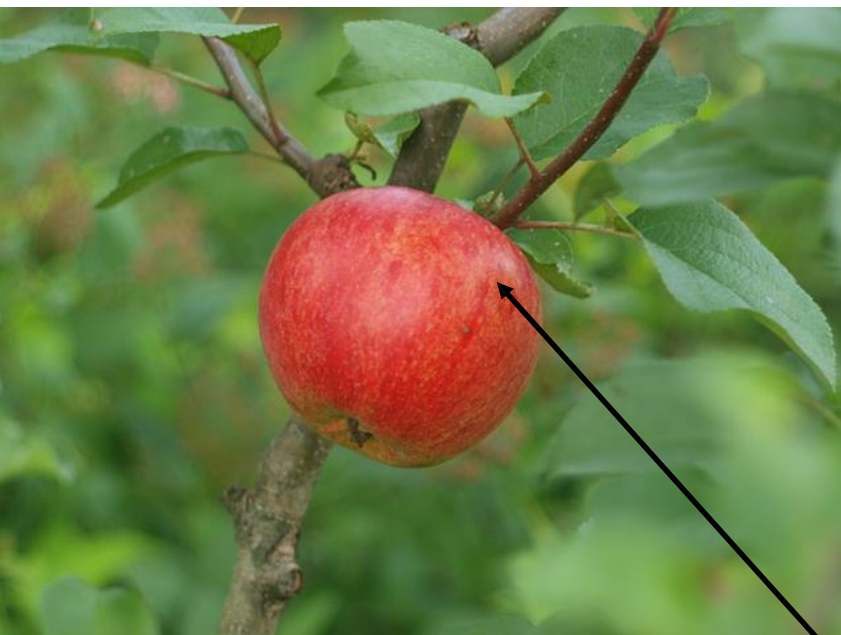
Trees have leaves.



Genesis 1:11

Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."

Trees have flowers.



Genesis 1:11
Then God said, "Let the land produce
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Trees can have fruits.

Plants Have Parts

Learning guide



Jeremiah 17:8 They will be

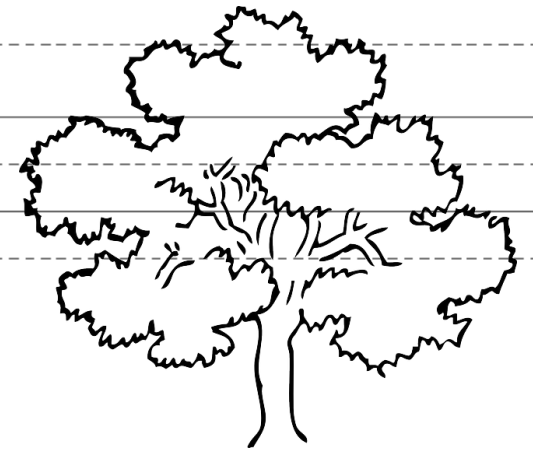
like a tree planted near

water. It sends out its

roots beside a stream... Its

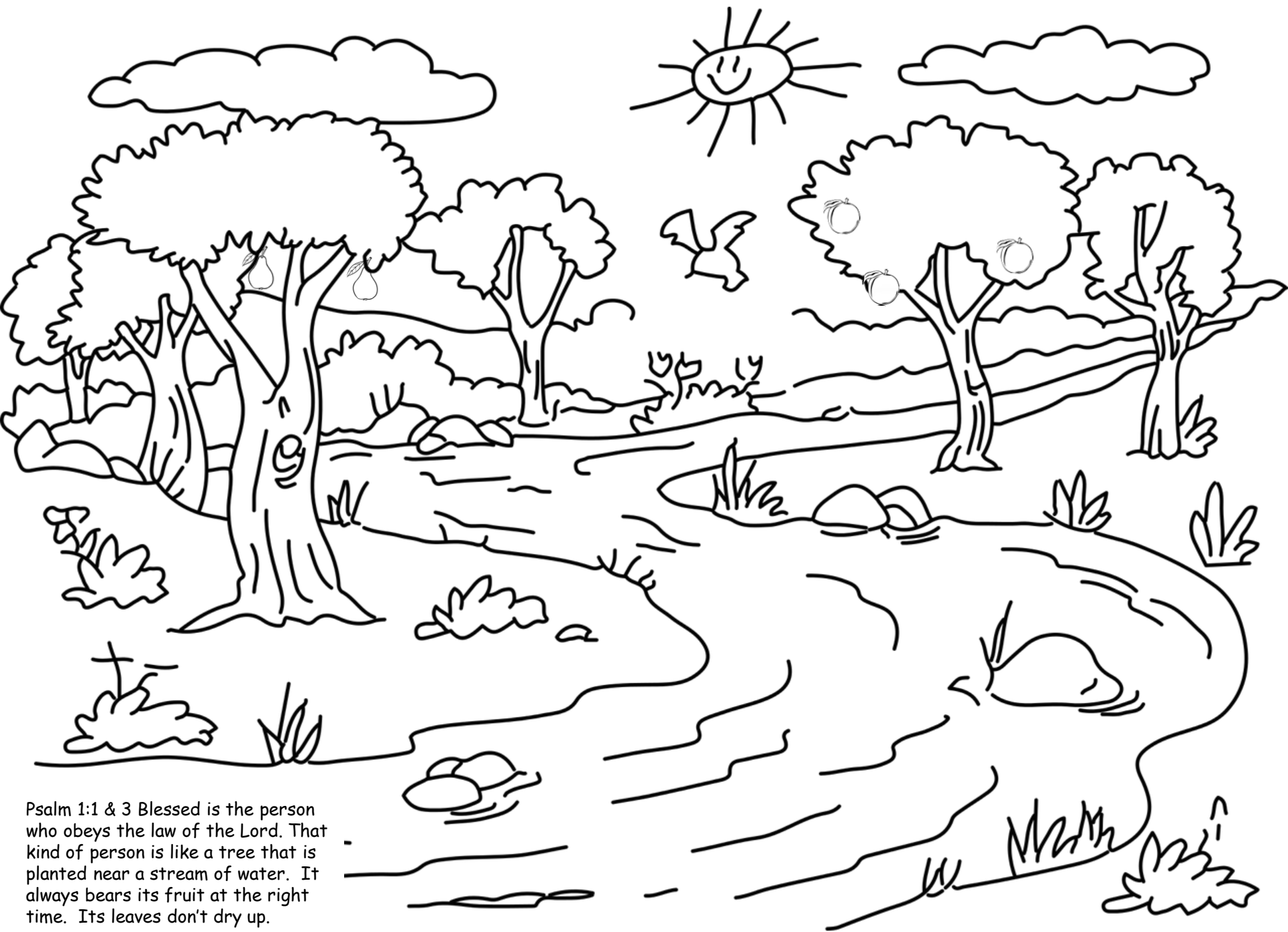
leaves are always green... It

always bears fruit.



Psalm 52:8 But I am like a
healthy olive tree. My
roots are deep in the house
of God. I trust in your
faithful love for ever and
ever.

Use one color to write the capital letters and a different color for lower case letters. What words start with capitals? Is there a pattern or rule you can figure out?

















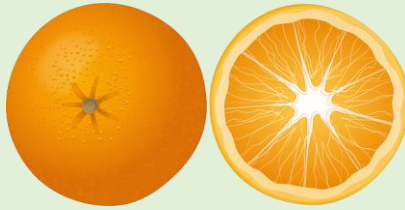

Psalms 1:1 & 3 Blessed is the person who obeys the law of the Lord. That kind of person is like a tree that is planted near a stream of water. It always bears its fruit at the right time. Its leaves don't dry up.

Print and cut for sorting activity.

Students place the picture under the correct column.

Genesis 1:11
Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."

1. Organisms can be described and sorted by their physical characteristics	
Evidence Outcomes	
Students can: <ol style="list-style-type: none"> Sort a group of items based on observable characteristics (DOK 1-2) Communicate and justify an evidence-based scientific rationale for sorting organisms into categories (DOK 1-2) 	

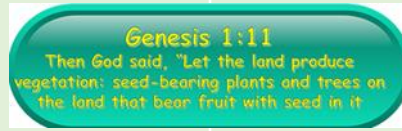
			
			
			
			

Leaves

Flowers

Fruits

Roots



Leaves

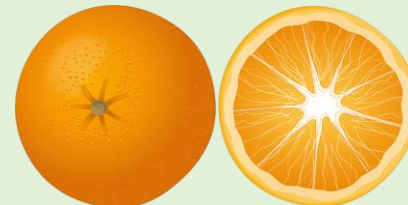
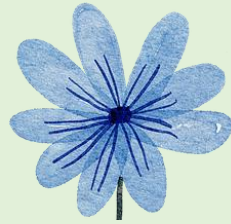
Flowers

Fruits

Roots

ANSWER KEY

Genesis 1:11
Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."



Act it out! Kinesthetic learning and brain break movement

Have the students act out each part of the plant. As this becomes nearly automatic, it can serve as a quick brain break movement.

Have students sit and act out the parts as you read or say:

Genesis 1:11
Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."

Roots: Sit on the ground and pretend to anchor yourself in place to represent roots holding a plant in place. Make sucking noises to represent the water and nutrients being absorbed from the soil.

Stems: Stand up straight to represent a stem supporting leaves, flowers, and fruit. Move your arms up your body from your feet to your head. This represents water, nutrients, and sugars moving through the stem.

Leaves: Hold your hands high in the air to represent leaves receiving energy from the sun to make food for the plant.

Flowers: Make fancy poses to represent a flower attracting pollinators.

Fruit: Pretend to hold a baby to represent the fruit protecting the seeds.

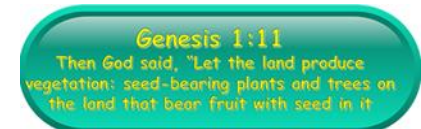
Seeds: Roll into a ball on the ground and then slowly begin to stand up to represent a seed sprouting and growing into a new plant.

Bingo Directions

Print and cut apart cards. Cardstock works best. Each card is unique. Use one card to call the plant part (start in top left and proceed in a circle clockwise).

Each player gets 1 card and 8 seeds to use as markers.

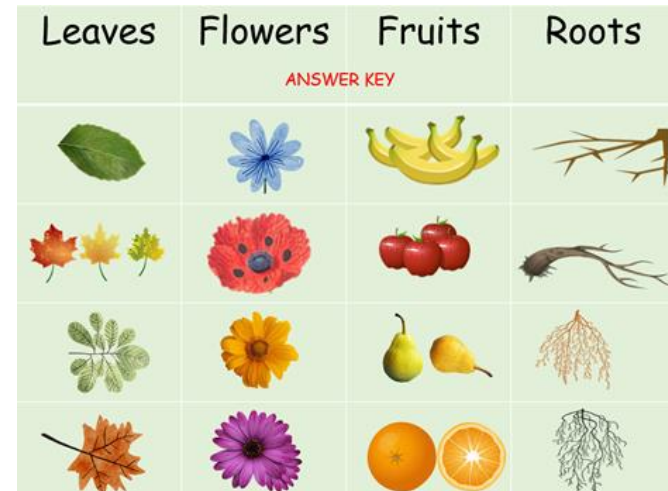
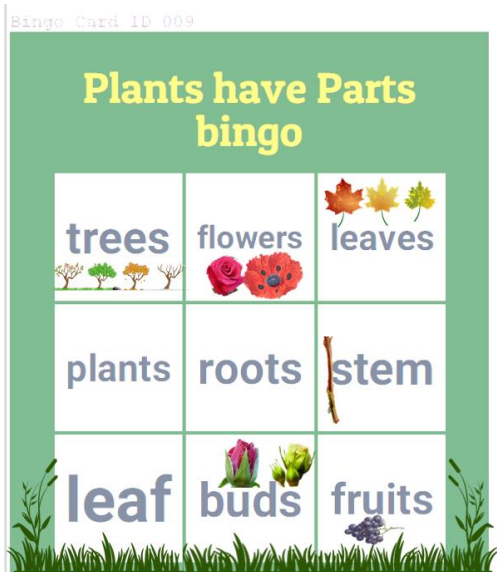
First person to get a 4-corner bingo wins. (or whatever you choose)










Easier

Harder









Sort answer key



Plants have Parts bingo

trees 	flowers 	leaves 
plants	roots	stem 
leaf 	buds 	fruits 

Plants have Parts bingo

fruits 	leaf 	stem 
roots 	flowers 	buds 
leaves 	plants	trees 

Plants have Parts bingo

fruits	plants	leaves
flowers	roots	trees
buds	stem	leaf

Plants have Parts bingo

trees	roots	plants
leaf	flowers	fruits
leaves	buds	stem

Plants have Parts bingo

plants	fruits	roots
flowers	stem	buds
trees	leaf	leaves

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Plants have Parts bingo

leaves	flowers	roots
leaf	plants	trees
fruits	buds	stem

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Plants have Parts bingo

leaves	buds	roots
trees	flowers	fruits
leaf	plants	stem

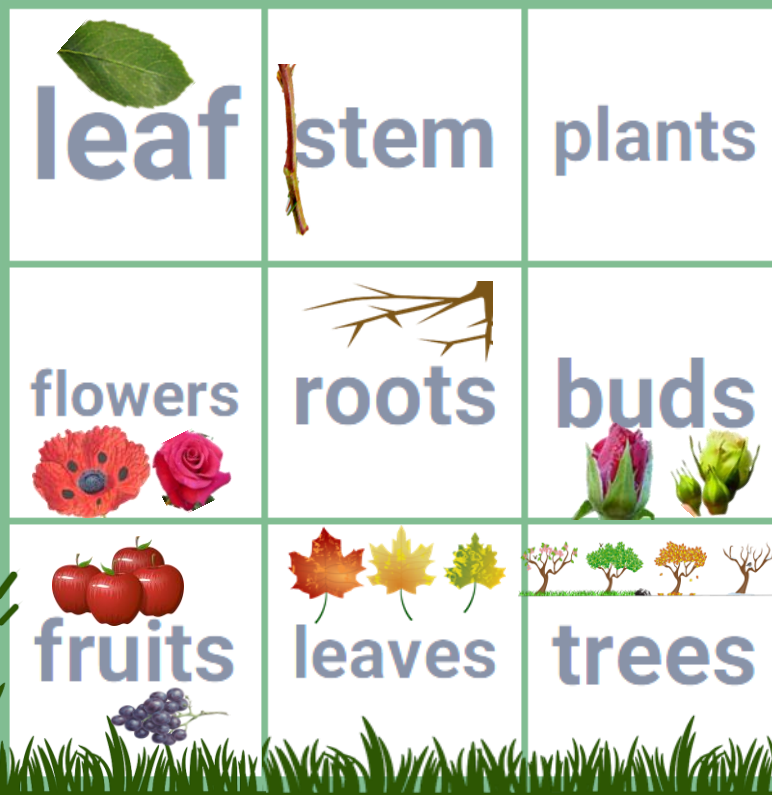


Plants have Parts bingo

fruits	leaf	plants
roots	buds	trees
leaves	flowers	stem

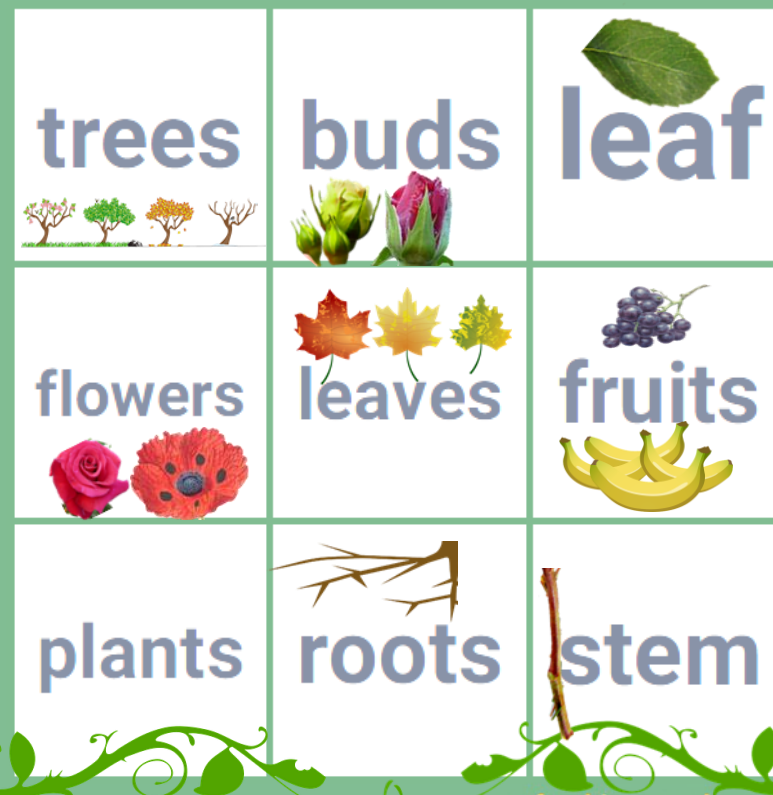


Plants have Parts bingo












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Plants have Parts bingo

trees 	flowers 	leaves 
plants 	roots 	stem 
leaf 	buds 	fruits 

Plants have Parts bingo

fruits 	leaf 	stem 
roots 	flowers 	buds 
leaves 	plants 	trees 

Just for fun!

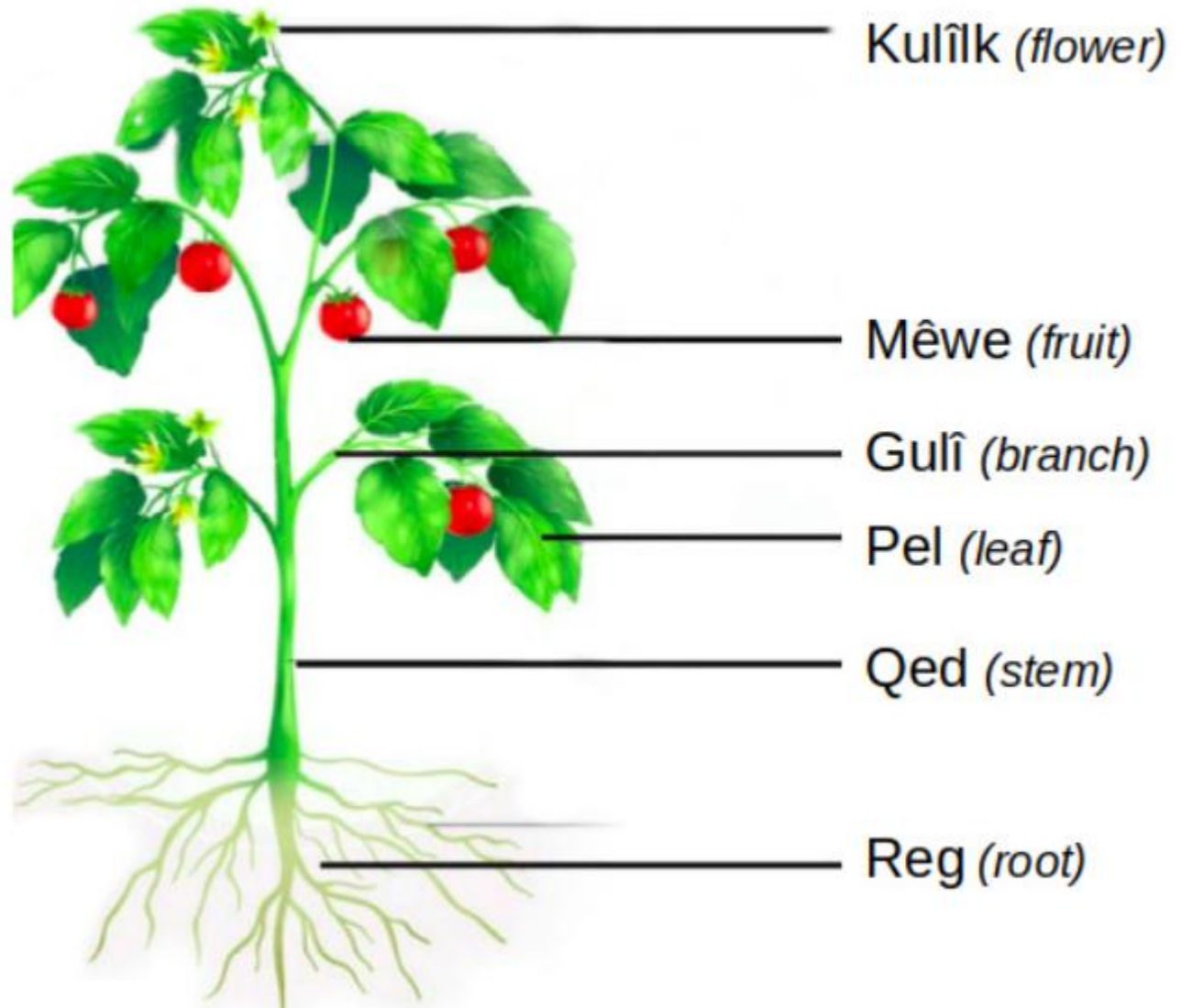
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Beşên riweka kûlîldar (parts of a flowering plant)

Check out the diagram
of a plant.

The English words are
in () parenthesis.

The other words are in
another language. Can
you guess what
language they are
written in?



Genesis 1:11
Then God said, "Let the land produce
vegetation; seed-bearing plants and trees on
the land that bear fruit with seed in it."

Parts of a Plant

Date: _____

roots

stem

leaf

leaves

bud

flower

fruit

seed

tree

plant

Genesis 1:11

Then God said, "Let the land produce vegetation: seed-bearing plants and trees on the land that bear fruit with seed in it."

Trace the words. Then write the word beside it.

Online Science Resources

<https://www.youtube.com/watch?v=p3St51F4kE8> Parts of a Plant with Dr. Binocs (3:13)

https://www.youtube.com/watch?v=70zRAsa_8ko Parts of a Plant song (2 minutes)

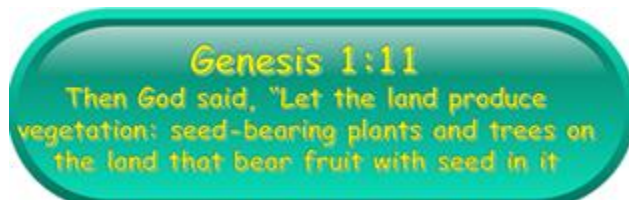
<https://www.youtube.com/watch?v=A-xScqCN0GA> Plant parts (7:25)

https://www.youtube.com/watch?v=P1LH1C_HGTY Different types of stems (1:17)

https://drive.google.com/file/d/1w4uFobATM2CsaWb0udN3YB_E8W0xwJT-/view Parts of a plant lesson and make-its from Ag in the classroom

<https://www.liveworksheets.com/w/en/science/1018357> Drag and drop parts of the plant (scroll down a bit)

<https://www.tinytap.com/activities/g3bj6/play/parts-of-the-plant> Parts of the plant interactive



Online Math Resources

<https://toytheater.com/counting-crops/> Help the farmer count his crops

<https://toytheater.com/subitizing-seeds/> Choose the seed packet with the correct number of seeds and drag and drop into the pot. Watch the plants grow. Helps students recognize subitizing patterns. Subitizing is the ability to rapidly identify the quantity of items in a small group without individually counting them. (think dots on dice or dominoes) Young children can usually subitize to 3.

<https://toytheater.com/how-many/> How many seeds? Watch them grow into flowers.



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