surrey.ca/schoolprograms

CITY OF SURREY

SHADE TREE JOURNAL

Name: _____

Surrey **Parks**

We acknowledge that we live, learn and play on the shared traditional territories of the Kwantlen, Katzie, Semiahmoo, and other Coast Salish Peoples. We recognize them as stewards of this land since time immemorial.

I will _____

to show I care for trees.

S | STUDY TREES

ES | RESPECT TREES
LET TREES GROW

S | APPRECIATE TREES

S ABOUT TREES

CT TREES | CELEBRATE TREES

ND TIME NEAR TREES

AD ABOUT TREES

RE STORIES ABOUT TREES

TREE CARE

How can we help trees?

MONITOR TREES

WATER TRE

BE GENTLE WITH TREES

TEACH OTHERS

LEARN ABOUT TREES | PROTE

PLANT TREES | SPE RE/ SHA

SHADE TREES & THE URBAN FOREST

Shade trees are an important part of Surrey's urban forest. Get to know them better, and find out how they make our city better.

Urban forest

All of the trees and other plants in parks, along streets, in front- and backyards, and other spaces within a city or town – the forest in a city.

Shade tree

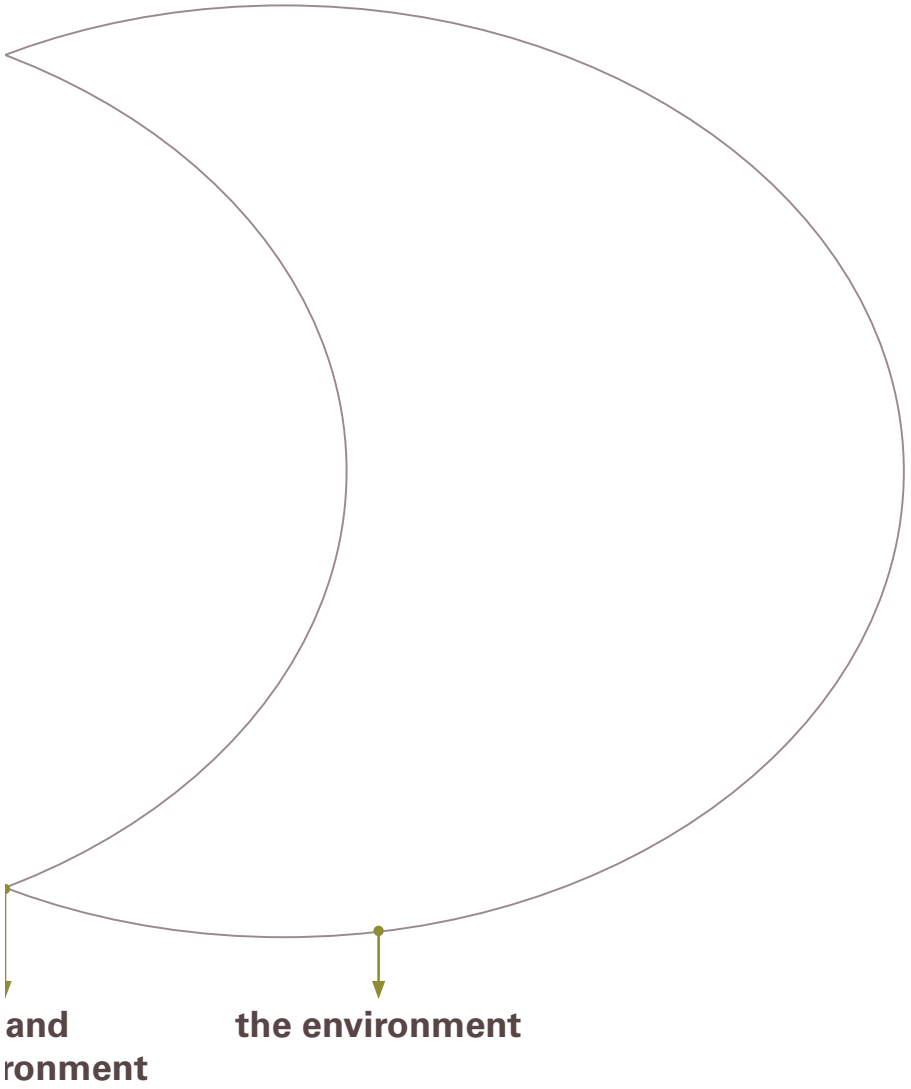
A tree that grows in open spaces of parks, along streets, in schoolyards or in front and backyards.

ALL ABOUT TREES

What do I already know about trees?

What do I want to know about trees?

TREES



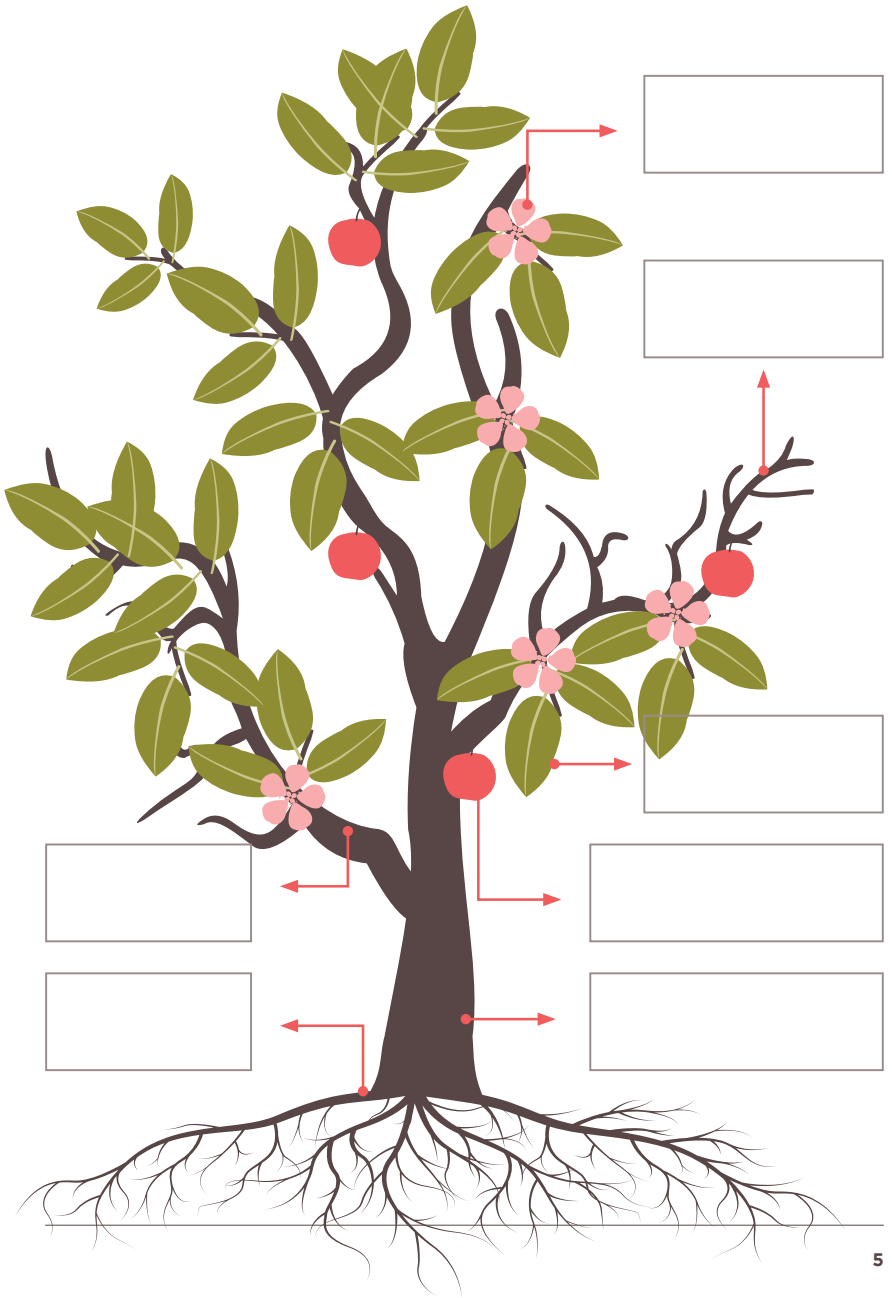
BENEFITS OF SHADE T

How do shade trees help?

me

me
the envi

PARTS OF A TREE



GET TO KNOW A SHADE SEASONS

Choose a shade tree to study.

My tree is shaped like...

My tree is special because...

Winter

Summer

TREES THROUGH THE TREE

How does my shade tree change throughout the year?

Fall

Spring

Draw your tree from different perspectives.

Far away	Up close
A bird's eye view	A mouse's view

I NOTICE...

My tree looks like...

My tree feels like...

My tree smells like...

When I stand near my tree, I hear…

Be an explorer! Imagine you're the first person to discover your tree. Focus on one thing at a time. Notice details, look for patterns, draw and record what you find.

A TREE SONG

Try singing this song to the tune of "Row, row, row your boat" to get to know some of our local trees.

Know, know, know your trees
by the way they grow!

Douglas, hemlock, maple, cedar,
and alder down below.

Add actions to go along with each tree:

1. standing tall and straight like a Douglas-fir
2. leaning at the top like a Western hemlock
3. stretching arms out with fingers spread like the leaves of a bigleaf maple
4. making J-shaped arms like a Western redcedar's branches
5. crouching like a young red alder growing beneath other trees

POET-TREE

Trees and nature can inspire us!

Write a poem about your tree.

I WONDER...

Things I wonder about my tree:

1.

2.

3.

Share your wonders with a friend!

ABOUT MY TREE

My tree's bark:

Looks...

Feels...

Reminds me of...

IIMALS

If I were a bird, would I build my nest in this tree? Why or why not?

Imagine all the animals that have lived in or visited this tree. Draw your tree showing animals and their homes.

SHADE TREES AND AN

Plants and animals rely on each other. These relationships are important for their health, survival, and well-being.

What animals might find food or shelter here? Remember to include bugs – they're animals too!

What clues have animals left behind?

Think about how trees and animals live together. How do animals help trees? How do trees help animals?

Visit your tree throughout the seasons to see how it changes. Depending on the season, you may not see your tree's flowers, fruit or seeds.

My tree's flowers...

Circle the type of seeds your tree has:

fruit
cones
nuts
acorns
pods
"helicopter" seeds
other _____

Take a closer look at a tree's cone or pods to find seeds hiding inside.

A CLOSER LOOK AT LE'S TRUNK

Leaves come in many shapes and sizes, to large, wide leaves.

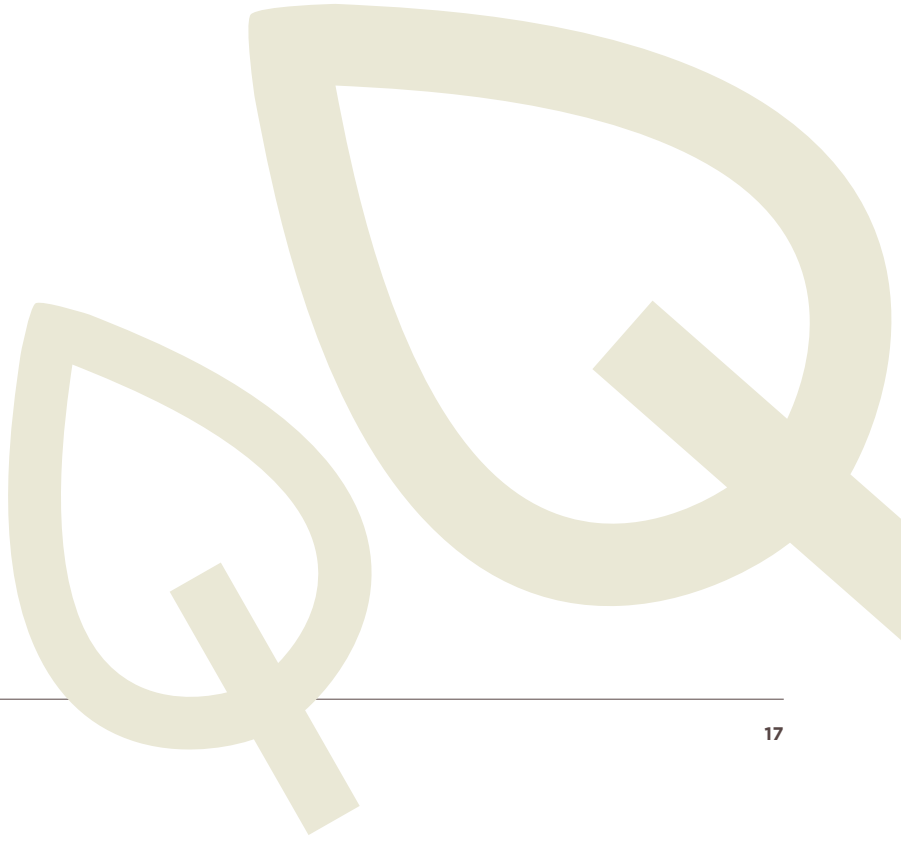
Draw a picture of your tree's leaves (even if it doesn't f

Use a magnifying glass to see tiny details up close!

My tree's circumference is _____ cm.

Compare to another tree. My tree's circumference is:

- ☐ shorter
- ☐ longer
- ☐ about the same



MEASURE YOUR TREEAVES

The distance around a circle is called the circumference.

Follow these steps to find the circumference of your shade tree.

1. With a partner, wrap a piece of string around your tree's trunk. Make sure the string is at chest height and level all the way around.
2. While your partner holds the string, carefully cut it (or mark it) where it meets the other end.
3. Measure the length of your string. This is your tree's circumference (the length all the way around the trunk).

from tiny needles or scales

it on the page).

Include as many details as you can: size, shape, colour(s), stem, veins, holes or missing pieces, other details

A CLOSER LOOK AT TWIGS

Twigs can give us clues about trees.

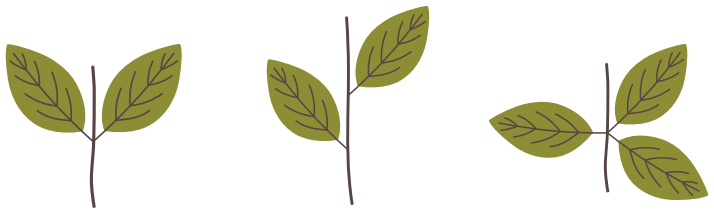
Look at a twig up close.

Is my twig straight or curved? _____

Does my twig have buds? _____

Does my twig have thorns? _____

Do my twig's branches grow opposite, alternate, or whorled?



Draw your twig – include details!
Add your own labels.