

# Be a Friend to Trees

## Lesson 1

Why are trees important?



# Objectives

In this lesson I will...

- Understand the value and benefits of tree services
- Describe the causes and effects of heat islands in urban areas
- Explain tree equity scores and their importance

# Brainstorm and Think-Pair-Share

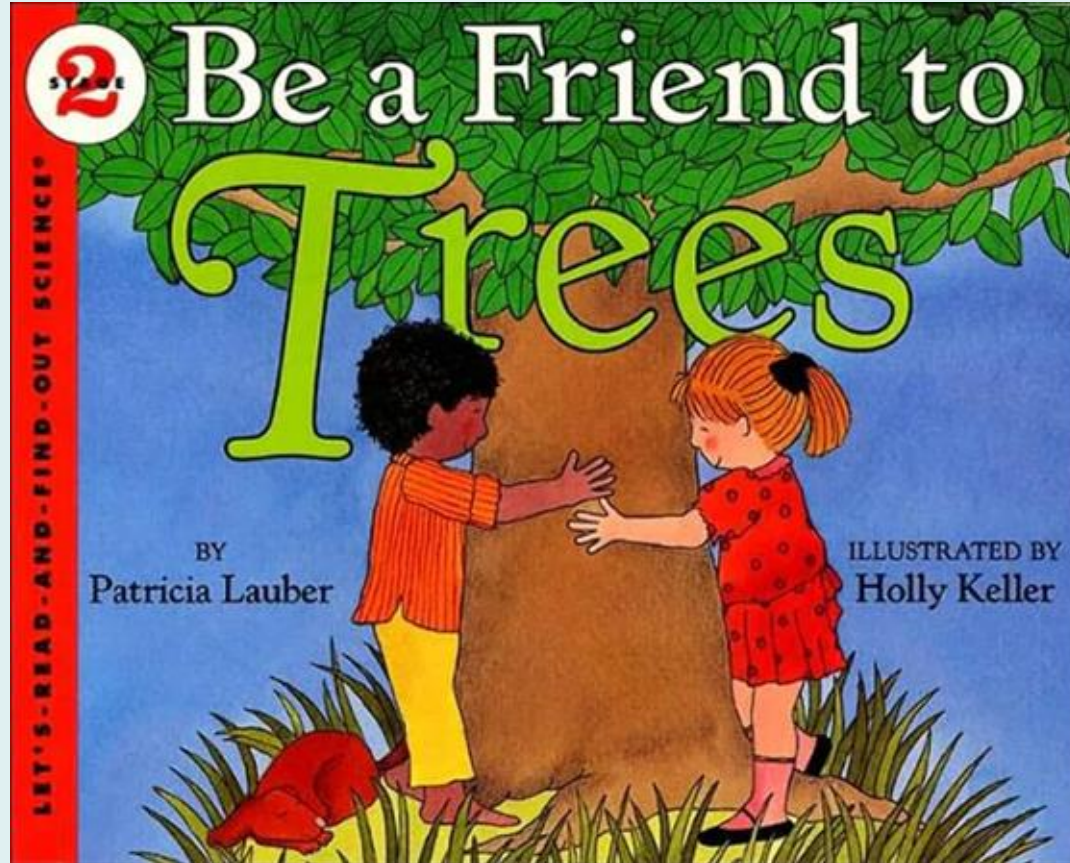
Create a T-P-S chart in your journal. Answer the question on your own first. Then discuss with your partner and record your partner's answers.

| What I think | What my partner thinks | What we will share |
|--------------|------------------------|--------------------|
|              |                        |                    |

What are the benefits of having trees in our community, home, school, etc?

# Benefits of Trees

Listen for benefits of trees and take notes



There is something else that is very important. It has to do with the way we speak.

It is useful to guide these efforts by recognizing that the goal is not to make the world a better place, but to make it a more just one. It is not just that all nations be equal.

And that, we think, is the proper end of this act. The thought is not bad at all. The reason is that these and other companies keep putting things into the air. They give out oxygen to their own trees, but



Page 11/16



Page

They make food in their leaves. The leaves can be broad, like the ones you see on a maple tree. They can be narrow and pointed, like the needle-shaped leaves you see on a fir or a pine tree. All these green leaves do the same work. They make food for the tree.



### Concluding Remarks



— **2014** —



ready



James M. Hodge

Video Link: <https://youtu.be/AJG9KAVRTYc>

# Brainstorm and Think-Pair-Share

Add to your chart. Did you learn about any new benefits?

| What I think | What my partner thinks | What we will share |
|--------------|------------------------|--------------------|
|              |                        |                    |

What are the benefits of having trees in our community, home, school, etc?

# What happens when we don't have trees?

Create a new T-P-S chart in your journal and answer the question.

Write your responses first, then share with partner.



| What I think | What my partner thinks | What we will share |
|--------------|------------------------|--------------------|
|              |                        |                    |

# What Happens Without Trees

# Urban Heat Islands



Video Link: [https://youtu.be/304Eo7Ux\\_wE?si=5luUIV0aBjB6esMq](https://youtu.be/304Eo7Ux_wE?si=5luUIV0aBjB6esMq)

# NASA: What is an Urban Heat Island?



Read and annotate the text.

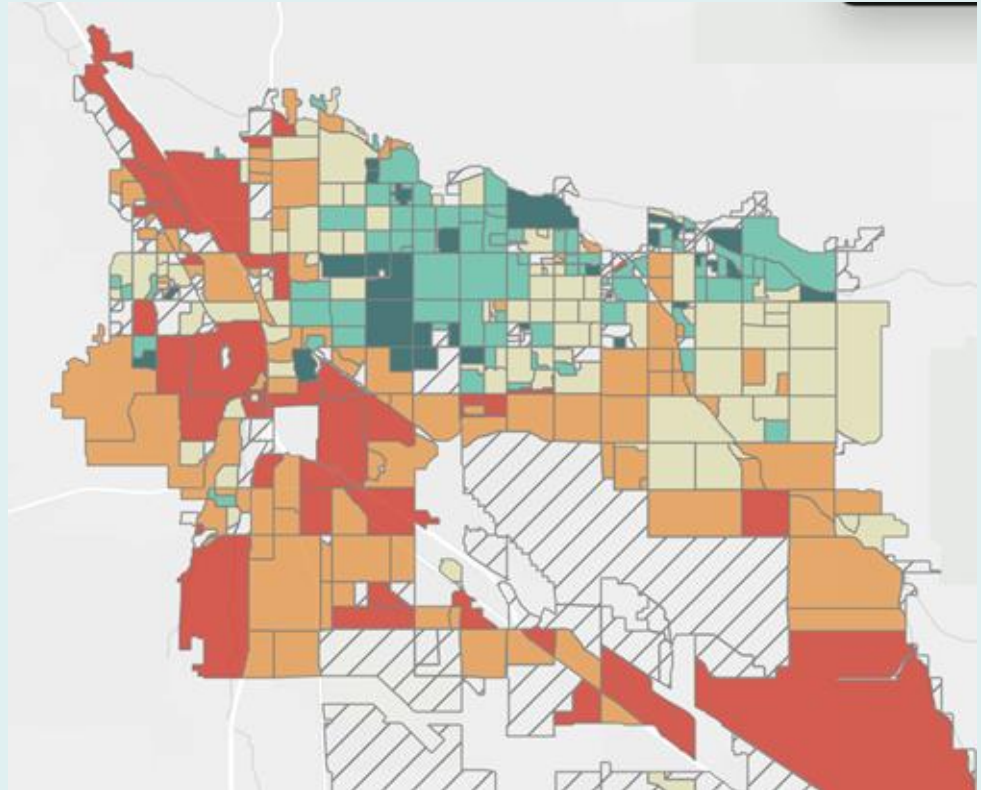
| <u>Text Symbols</u><br>for <u>annotating text</u> |                     |
|---------------------------------------------------|---------------------|
| *                                                 | important           |
| —                                                 | key word or detail  |
| ✓                                                 | I understand        |
| ○                                                 | unfamiliar word     |
| ?                                                 | I don't understand  |
| !                                                 | I'm surprised       |
| ∞                                                 | I made a connection |
| words<br>and<br>comments                          | I'm thinking        |

What is an Urban Heat Island? How can we help?

# Tree Equity



**What is our tree equity score?  
What does it mean?**



Next time...

What do you think is involved in measuring tree  
canopy/shade cover?