The Urban Forest Initiative Presents

Adopt a Kentucky tree...

to build your own forest!

Name: _____

Activity 1: Adopt your favorite tree!

Write 10 words about how this tree makes you feel.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Your adopted tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

Carbon dioxide reduced (pounds): _____

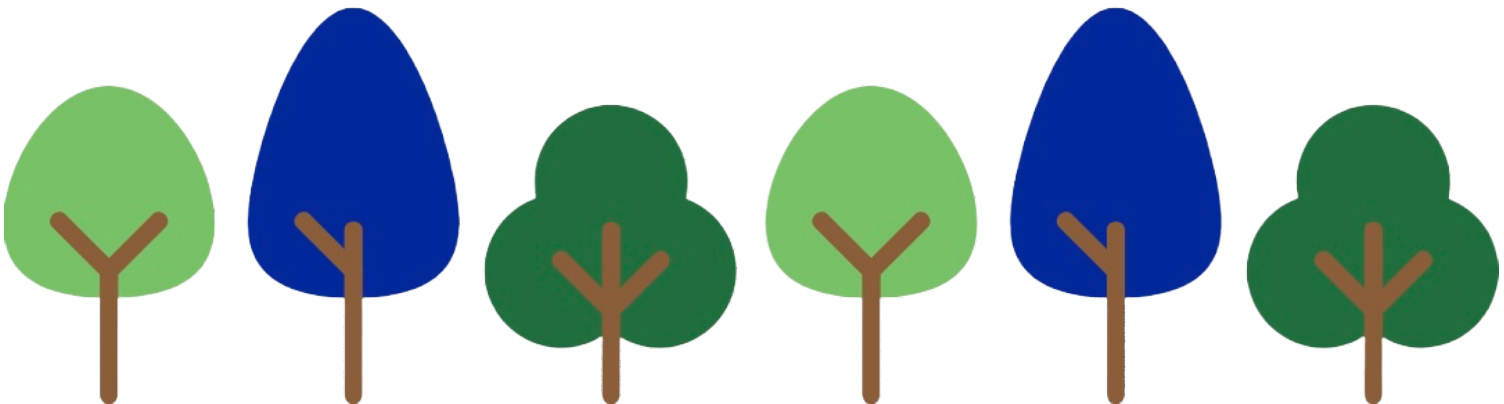
Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____

_____



Activity 2: Deciduous vs. Coniferous

Sketch of your deciduous tree

Sketch of your coniferous tree

Your adopted deciduous tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

Carbon dioxide reduced (pounds): _____

Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____

Your adopted coniferous tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

Carbon dioxide reduced (pounds): _____

Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____

Activity 3: Simple vs. Compound Leaf

Simple leaf

Compound leaf

Your adopted tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

Carbon dioxide reduced (pounds): _____

Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____

Your adopted tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

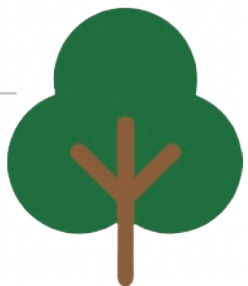
Carbon dioxide reduced (pounds): _____

Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____



Activity 4: Big vs. Little Tree

What are some benefits that trees provide?

Side-to-side comparison

	Little Tree	Big Tree
Stormwater intercepted		
Carbon dioxide reduced		
Energy conserved		

Your small adopted tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

Carbon dioxide reduced (pounds): _____

Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____

Your big adopted tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

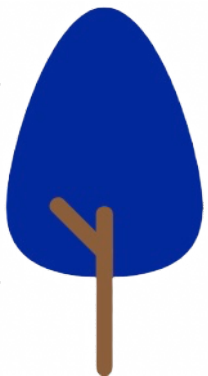
Carbon dioxide reduced (pounds): _____

Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____



Activity 5: What can you find living on your tree?

Write down everything you see alive on your tree! Did you see any squirrels, bugs, birds, or fungi?

Your adopted tree:

Circumference: _____

Tree species: _____

Stormwater intercepted (gallons): _____

Carbon dioxide reduced (pounds): _____

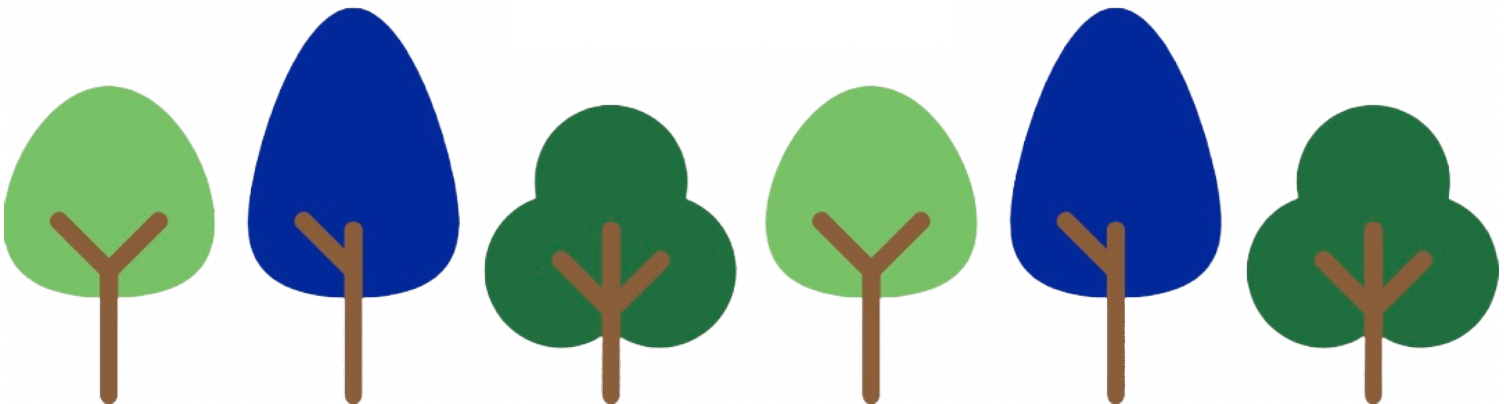
Energy conserved (kWh): _____

Why did you choose this tree? _____

_____

_____

_____

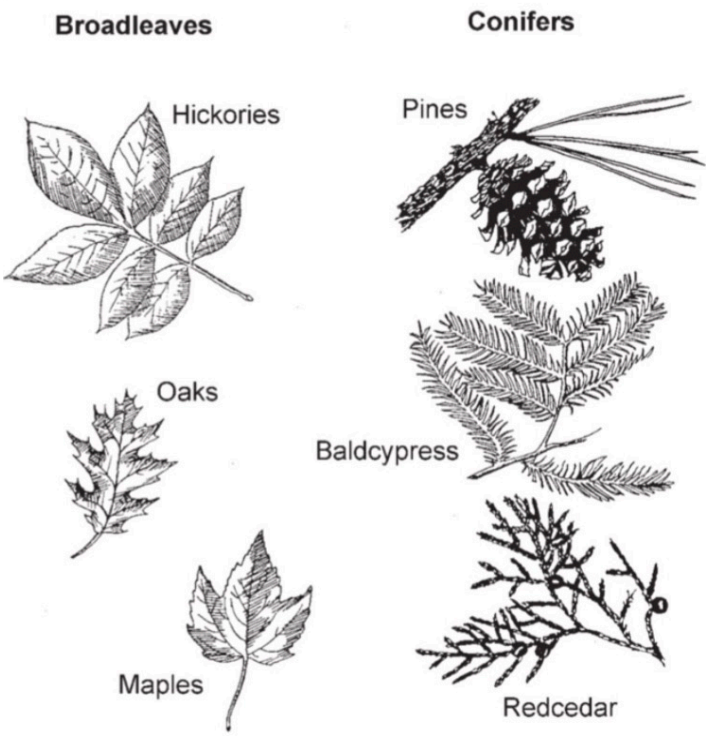


Activity Recaps

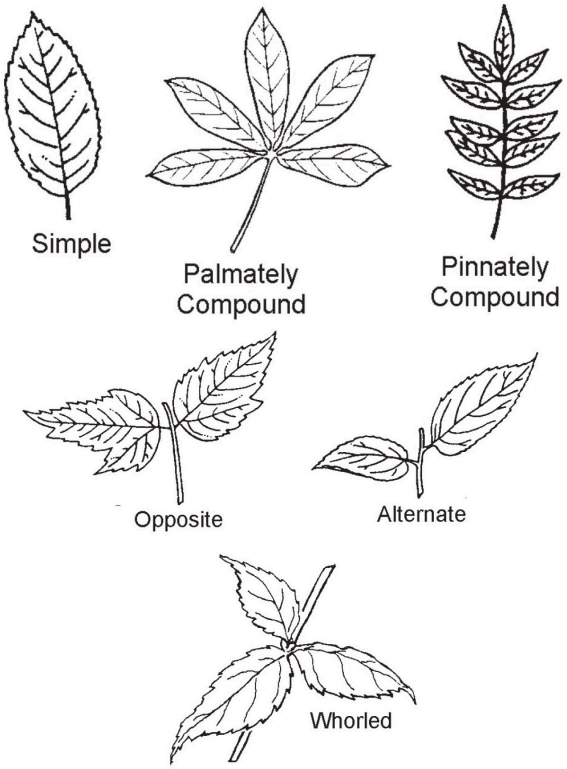
Activity 1

Link to Adopt a Kentucky Tree webform:

Activity 2



Activity 3



Activity 4

Stormwater intercepted: how much rainwater the tree holds

Carbon dioxide reduced: how much carbon the tree stores in its wood

Energy conserved: the shade a tree creates and its ability to break the wind

Activity 5

Trees can act as homes to squirrels, bugs, birds, lichens, and fungi. They support the lives of these organisms, and can be used for food and shelter. Tree diversity is important in making sure that all organisms are supported and can thrive in an environment.