

Urban Forestry Laboratory Exercises

Correlation to the Illinois Learning Standards

NOTE: Some of these activities require additional materials for successful completion. Several of these materials or items that can be substituted are included in the *Illinois Tree Trunk*.

Elementary School Activities

What's a Tree?	Science: 12A
Watt's a Tree?	Science: 12A
How Big is a Tree?	Science: 11A, 13A
How Old is a Tree?	Science: 12A
Quadrat Studies	Science: 11A, 13A
The Natural Journal	Fine Arts: 26B
Nature's Air Conditioner	Science: 12A

Middle School Activities

Comparing Sun Leaves to Shade Leaves	Science: 11A
Measuring Tree Heights	Science: 11A
Calculating Board Footage in a Tree	Mathematics: 7A, Science 11A
Comparing Soil Temperatures in Sun and Shade	Science: 11A
Forest Volume Cruise	Mathematics: 7A, Science 11A
Soil Particle Size and Texture	Mathematics: 7A, Science 11A

High School Activities

How Old is this Tree?	Science: 11A
How Fast Does this Tree Grow?	Science: 11A
What Effects Do Trees Have on the Environment?	Science: 11A
What's Happening Below the Surface?	Mathematics: 7A, Science 11A