

Easy Lesson Plan Template¹

P = Pretest (think essential questions)

O = Objectives (measurable - see Bloom's taxonomy)

C = Catch (hook, anticipatory set, etc... use different senses, not a question)

A = Activity (procedure of what the students should do)

R = Review (how will students go over what they've learned?)

A = Assessment (formative and/or summative)

P = Posttest (same as pretest for comparison purposes)

S = Standards (Wyoming, NGSS, etc...) showcasing crosscutting concepts²

Pretest Questions	How can observing a tree help us know what the weather conditions will likely be ?
Objectives	Use and share observations of weather conditions to describe patterns over time [in relation to the seasons].
Catch	Read: Red Leaf, Yellow Leaf by Lois Elert
Activity	Model changes in sunlight, wind, snow or rain and temperature using : NetLogo Model of <i>Autumn</i> to describe and notice the weather and patterns of time. (seasons)
Review	Show trees in various stages within the four seasons and have students identify accordingly.
Assessments	Create a set trees that represents each of the four seasons.
Posttest Questions (same as pretest questions)	How can observing a tree help us know what the weather conditions will likely be ?
Standards	Earth's Systems Weather and Climate Patterns

¹ Please add/attach any handouts for this activity to the end of this template

² <http://ngss.nsta.org/CrosscuttingConceptsFull.aspx>

Crosscutting Concepts from NGSS	Science Knowledge is Based on Empirical Evidence
---------------------------------------	---

<http://www.netlogoweb.org/launch#http://www.netlogoweb.org/assets/modelslib/Sample%20Models/Biology/Autumn.nlogo>