

## Class: Botany: Trees

Student: \_\_\_\_\_ | Class Value: ¼ Credit = 30 Hours

### BASIC REQUIREMENTS CHECK-OFF LIST

Aug-Oct 2014	
<p>Trees Fall (Aug. – Oct.) – Conifers, Cycads and Angiosperm Hardwoods begins Thursday, August 21 - October 19, 2014 at 1 - 2 pm Central. Each session is 8 weeks long. It is not necessary to have taken previous classes to join up during any of the 8-week sessions.</p> <p>This class fosters student-led projects, student and teacher led discussions, activities, and student and teacher presentations centered on studying trees of the world. Student participation includes doing hands-on activities and projects mainly offline about favorite local and worldwide trees, having class discussions, making PowerPoint presentations by students and teacher, and videos.</p> <p>This is an experiential learning class for upper elementary, middle and high school ages interested. Projects will be based on student choice, level of skill and materials available.</p> <p>PBBT is a course for students who are curious and desirous to learn about trees and are self-motivated to do independent, quality projects out of a sincere desire to learn the subject. It is a great study to discover the amazing plant kingdom. The whole family is welcome to take the course for one price. The Trees class will use the Adobe Connect CurrClick Live Virtual Classroom. A computer microphone and high-speed Internet connection is necessary.</p> <p>This course is a Project Based learning model and students are asked to keep both a digital and hard copies of a portfolio and nature journal. <b><u>There are no grades or tests, but portfolios, journals and binders can be saved and used for parents needing proof of student work for the state.</u></b></p> <p>If you have any questions about my classes, please contact me at gab21921@gmail.com.</p>	<p>Trees Fall (Aug. – Oct.) – Conifers, Cycads and Angiosperm Hardwoods Weekly Topics</p> <p><u>Week #1</u> – Angiosperms: The Lecythis, Loosestrife and Magnolia Tree Families</p> <p><u>Week #2</u> – The Cycads - The Cycad Family and the Maidenhair Family</p> <p><u>Week #3</u> - Angiosperm Hardwoods (Flowering Trees &amp; Shrubs) The Maple Family, The Agave Family, The Cashew Family</p> <p><u>Week #4</u> - The Custard Apple Family, The Dogbane Family, The Holly Family</p> <p><u>Week #5</u> - The Ginseng Family, The Palm Family, The Asphodel Family</p> <p><u>Week #6</u> - The Composite Family, The Barberry Family, The Birch Family</p> <p><u>Week #7</u> - The Trumpet Creeper Family, The Bombax Family, The Borage Family</p> <p><u>Week #8</u> - The Bursera Family, The Box Family, The Wild Cinnamon Family</p>
Oct - Dec 2014	
<p>The Trees Fall 2014 (Oct. – Dec.) – The Angiosperms: Flowering Trees &amp; Shrubs live online class is a potentially year-long class divided into 8-week sessions, with each session standing alone as its own learning module. You do not need to attend the previous session to attend later sessions.</p> <p>The class is Thursday, October 16 - December 11, 2014 at 1:00 - 2:00 pm. You are welcome to purchase one session at a time or all</p>	<p><u>Trees Fall 2013 (Aug. – Oct.) – Conifers, Cycads and Angiosperm Hardwoods Weekly Topics</u></p>

the sessions at the same time when they're available for purchase. Each session is 8 weeks long. It is not necessary to have taken previous classes to join up during any of the quarters.

Week #1 – The Hemp Family, The Caper Family, The Honeysuckle Family, The Papaya Family

Week #2 - The Casuarina Family, Bittersweet Family and Katsura Family

Week #3 - The Coco Plum Family, St. John’s Wort Family and Combretum Family

Week #4 - The Dogwood Family, Titi Family and the Davidson’s Plum Family

Week #5 - The Ebony Family, Oleaster Family and Heath Family

Week #6 - The Spurge Family, Legume Family (The Pea Family) and the Beech Family

Week #7 - The Gooseberry Family, Witch Hazel Family and the Buckeye Family

Week #8 - The Anise-tree Family, Walnut Family and the Laurel Family

#### About the Teacher

Gloria Brooks, aka Natureglo, is founder and director of Natureglo's Art & Science eCenter (NASC), an online learning center that serves schoolers, homeschoolers and adults virtually. She holds a BA in K-12 education and a certificate from the Wilderness Awareness School. She teaches from a neutral worldview. This means she does not teach from a religious point-of-view nor specifically teaches Evolution or Creationism. However, some videos shown in class may come from either viewpoint, but without dogma or persuasion for students to embrace any particular worldview. She has been teaching K-12 since 1997 and teaching




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