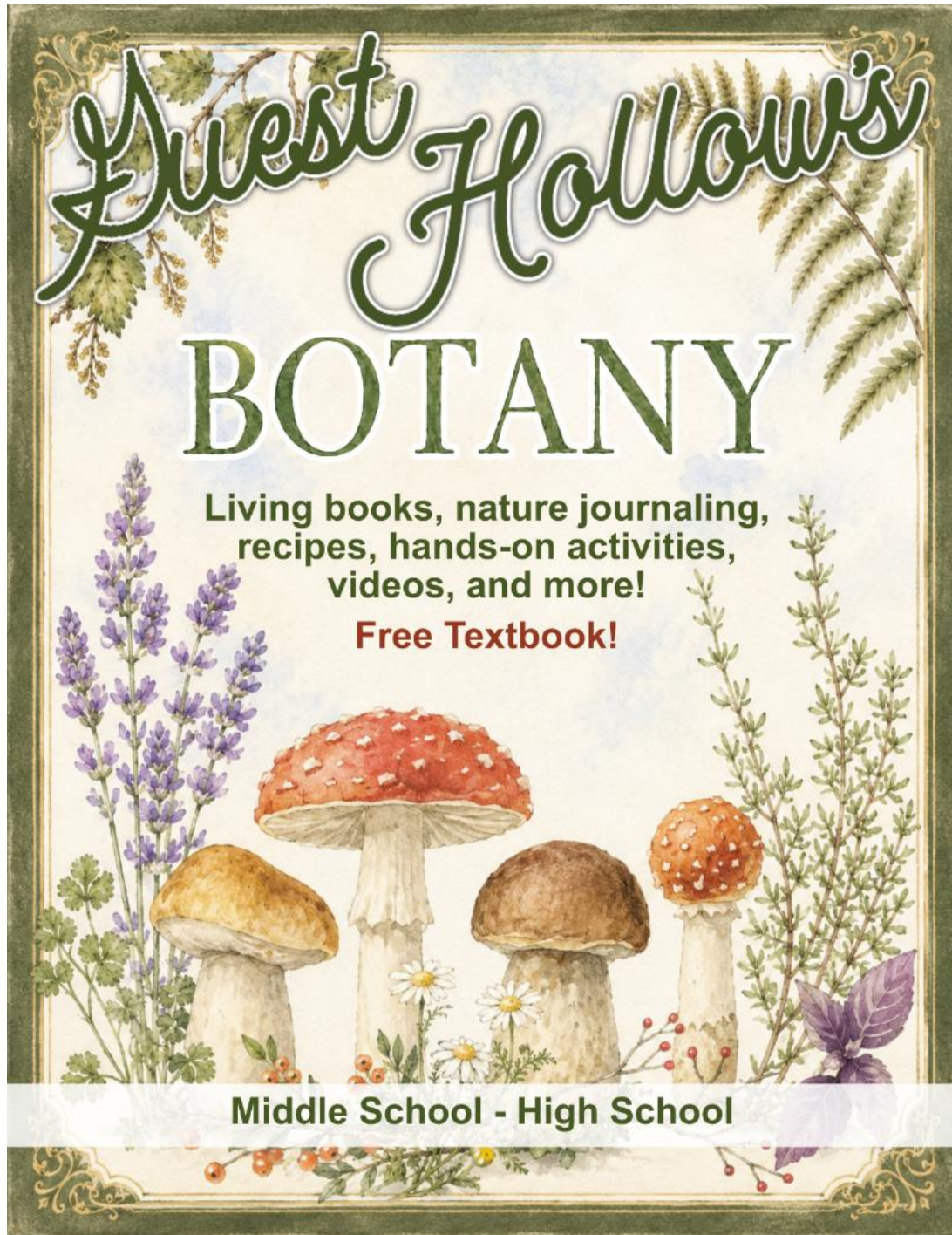
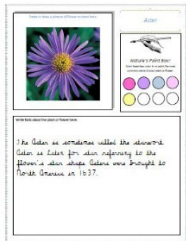




This file is a sample. Links may be outdated, since we don't update the sample (but we do update the actual version). Check the online week sample for current links. :)

Botany Schedule

Guest Hollow's Botany Curriculum Week 1					
Resources	Day 1	Day 2	Day 3	Day 4	Day 5
Spine book: Guest Hollow's Online Botany Textbook					
 Guest Hollow's Online Botany Textbook	<u>Chapter 1: Plants in Our Lives</u> <u>Plants as Food</u> <u>How Plant Foods Have Changed Over Time</u> <i>↳ Stop at Orange You Glad?</i>	<u>How Plant Foods Have Changed Over Time (cont.)</u>	<u>Plants Are Used to Make Clothes and Fabric</u> <u>Cotton</u> <u>Linen</u> <u>Bamboo</u> <u>Looking Forward: The Future of Plant-Based Textiles</u>	<u>Plant-Based Dyes</u> <u>Plants as Building Materials</u>	<u>Plants as Medicine</u>
Note: Most of these reading sections are really short, so don't worry if there are a bunch in one day! 😊					
Workbook	☐	☐	☐	☐	☐
Non-fiction					
<u>Knowledge Encyclopedia</u>	p. 6-7 Why plants and fungi matter p. 132-133 Food from plants	p. 10-11 What is a plant?		p. 146-147 Made from plants	p. 144-145 Healing plants
<u>The Biography of Bananas</u>	Read this week.				
<u>The Stuff that Stuff Is Made Of</u>	Read the 1 st half of this book this week.				
A Buffet of Plant Studies (Note: If you are ever short on time, don't feel like you must read from each of these books. Choose what you have time for or what you are interested in.)					
<u>Wicked Plants</u>		p. 1 Aconite		p. 3 Arrow Poisons	
Download this free study guide for the Wicked Plants book. You will be using it for various weeks, in the future. Read the notes for the teacher and introduction.					
<u>100 Flowers</u>					
<u>Lives of the Trees</u>		p. 42-45 Banana	p. 38-41 Bamboo	p. 13-15 Alder	
Note: As you read about various plants and flowers this year, look them up on the Internet via Google images or another similar resource. It only takes a minute and will greatly add to your knowledge of and ability to identify plants! Use the notebooking page linked below as desired.					
<u>Botany in a Day</u>	Use this book throughout the year as desired to learn plant identification. You'll want to take it outdoors and practice identifying plants, if possible. If you don't have access to the outdoors, try identifying photos of plants online.				



Microsoft Word Flower Notebooking Page Instructions

Click [here](#) to access.

- ★ Paste a picture directly from the Internet. Google an example of the plant in [Google images](#), right click & copy your favorite image and then paste it into the box in MS Word. Resize it as necessary.
- ★ Type in your plant or flower facts directly onto the page in the fact box.
- ★ Type the name of your plant into the name box on the top right.
- ★ Choose colors to represent the main colors of your flower or plant. For example: Asters come in a variety of colors. Some Aster flowers are purple, light pink, yellow, light blue or a deep fuchsia. I've colored the circles in the Nature's Paint box section to represent the main colors the Aster flower comes in.

To color in the circles in MS Word, click on a circle, right click and choose "format auto shape". On the first tab marked colors and lines click the drop-down menu marked color. Choose "More colors" and then choose from the honeycomb of colors or from the slider on the custom color tab.

You may enjoy coloring the circles by hand with markers, crayons, paint or colored pencils instead. If that's the case, wait until you've printed the page out.

PDF Flower Notebooking Page Instructions:

Click [here](#) to access.

Print out and fill in. You can draw or paste a picture of the flower or plant you are studying.

Other Books

A Buffet of Extra Resources and Activities

Activities

In the [Plants as Food](#) section of the Online Botany Textbook, it states: *"Want to see domestication in action? Walk through a grocery store. Those thousands of apple varieties, from tart Granny Smiths to honey-sweet Fujis, each represent generations of farmers selecting for the perfect crunch, the ideal sweetness, or the ability to survive a long winter in storage."*

Activity: Research and write down as many apple varieties as you can think of. Make a poster (or use a single sheet of paper) showing different apple varieties (use pictures from the internet). Research some of the history behind each one and write (or type) a small summary underneath each. Next time you go to the grocery store, look at what's available. If you have access to a farmer's market or specialty market (like a health food store or something similar), see if there are different varieties for sale. Get a parent to purchase as many different kinds as you can and have an apple tasting party!

Make a list of (or create a poster or presentation of) items in your house that come from plants.

How to Make Natural Dyes for Fabric from Plants

Future Workbook Recipe: *Banana Bread*
(See the workbook file in your downloads.)

Workbook activity: *The Family Plant Detective: Become an Ethnobotanist for a Day*
(See the workbook file in your downloads.)

Printables

Workbook printable: Plant Products Scavenger Hunt
(See the workbook file in your downloads.)

Videos	TED-Ed: The dark history of bananas 6:02m SciShow: The Biggest Herb on Earth is... a Banana?! 2:36m	Popped Secret: The Mysterious Origin of Corn — HHMI BioInteractive Video 17:51m ⚠ 10,000 years ago is mentioned. Where Do Baby Carrots Come From? 3:55m TED-Ed: Why are there so many types of apples? - Theresa Doud 4:27m SciShow: The Truth About Johnny Appleseed & Apple Genetics 10:22m	How To Make Plastic from Seaweed World Wide Waste Business Insider 8:36m	How to Grow Bananas in Containers - Complete Growing Guide 11:05m How Do Bananas Grow and End Up in the Store? 3:08m	Is Willow Bark BETTER Than Aspirin? Harvest, Tincture, and Tea 4:09m SciShow: How Aspirin Changed Medicine Forever 11:51m ⚠ Evolution SciShow: 4 Medicinal Plants that Are Incredibly Good for You 8:15m ⚠ Evolution How to Make Cold & Flu Elderberry Syrup 3:35m ⚠ This video is ONLY for reference purposes only. Do not attempt. NEVER harvest or eat wild plants without consulting an expert.
Websites					
Nature Journaling and Art					
Optional	Choose your journaling activities from these books: The Laws Guide to Nature Drawing and Journaling Keeping a Nature Journal Nature Anatomy Notebook There are additional free resources for the <i>Laws Guide to Nature Drawing</i> book here: The Nature Journal Connection: This is a free video series that helps you build nature journaling skills step-by-step. Nature Journaling Curriculum: <i>How to Teach Nature Journaling</i> is the comprehensive guide for educators, parents and those who wish to mentor others to develop journaling skills.				
Draw Like an Artist			p. 96 Bamboo		
	Note: When you see assignments from Draw Like an Artist, you only need to choose 1 for the week (or more if you wish). Remember, this is just a buffet of options. If you don't like to draw, you can skip it entirely! Some of the drawing exercises match topics covered in the week, others are just chosen at random. Do whatever you like. 😊				