

CHESSIE Science Schedule Group
#4A & 4B Plant unit

4/23

Photosynthesis & respiration, transport system, vascular system, chromatography

AFTER CLASS TODAY

Read: ABeka Grade 7, Order and Reality, p68-71, 73-74, & 76

Complete: Braindrain p72 #1-6 & Brain Drain p77 #1-9

At home experiment suggestions: Page 71 chromatography & Page 72 Leaves in Sheaths. Nail polish remover is needed for these experiments. If you don't have any, another suggestion would be to plant a variety of seeds in your family garden this year. Take notes on how long it takes for the seeds to germinate, and their rate of growth. Which plants grow faster than others? What factors do they need to thrive? How often do you water your plants? Do they have full sun? Keep a graph of the plant growth and bring it to share at our zoom session next week.

Website Suggestions:

<http://www.neok12.com/video/Pollination/zX4a705d4406575c55575c06.htm>

This website youtube video has beautiful footage of the "beauty of pollination". Question: do mammals ever play a part in pollination?

ZOOM ONLINE SESSION: leaf chromatography, photosynthesis, what does a healthy plant need to thrive?

4/30

Observing Flowers, Seeds, fruit

AFTER CLASS TODAY

Read ABeka grade 7, Order and Reality, p31-39

Complete: Brain Drain p34 and Brain Drain p39

Experiment #1: At home experiment suggestion: seed watching experiment on page 43 in your book. Try germinating at least 4 different types of seeds. Record how long it takes for the seeds to sprout, and the conditions that the seeds were in. See page 43 for instructions.

Experiment 2: Look around your yard or at the park when you are on a walk for flowers that you can dissect. See if you can find a composite flower. See if you can find a flower that you can identify the parts of a flower easily. Cut open the ovary to locate the small ovules inside.

ZOOM ONLINE SESSION: Flower & seed dissection, starch search p37

5/7

Flowers, seed grows up and a bud is born

AFTER CLASS TODAY

Read ABeka grade 7, Order and Reality, p40-42, p44-46,

Complete: Brain Drain p42

At home experiment: Using the wildflower seeds that were sent to you, complete the chart and answer the questions on the handout you received with the seeds. Enjoy your wildflowers this summer.

ZOOM ONLINE SESSION: wildflower propagation

5/14

Last class of the school year. We made it! Students, thank you for working with me for the online classes. I am so grateful for your cooperation and hard work to finish out this school year! I will miss you over the summer and look forward to seeing returning students in the fall.

Today's class: Review games over this year's science studies

No homework for today's class

