

Elder

Greenhouse/Floral Design

<p>NTI Day 1 Intro to Plant Science Answer these questions on a piece of paper.</p> <ol style="list-style-type: none">1. What is Plant Science?2. Why is Plant Science important?3. How does Plant Science connect to agriculture?	<p>NTI Day 2 Majors related to Plant Science</p> <ol style="list-style-type: none">1. What are 5 Plant Science Majors?2. Tell me a little bit about those majors and what they do! <p>Write this on a piece of paper.</p>	<p>NTI Day 3 Germination</p> <ol style="list-style-type: none">1. What are the steps of germination? <p>Create a picture of the steps of germination. You must explain the process and be sure to label the picture! You will have two days to work on this!</p>	<p>NTI Day 4 Germination Day 2</p> <p>Continue with your picture of the steps of germination. When you are finished with your picture, upload it to NTI Day 13&14</p>	<p>NTI Day 5 Go Outside! Select one plant or tree and take a picture of it. Observe it. How is it doing? How does it contribute to or hurt your landscape?</p>
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Greenhouse/ Floral Design (Elder)

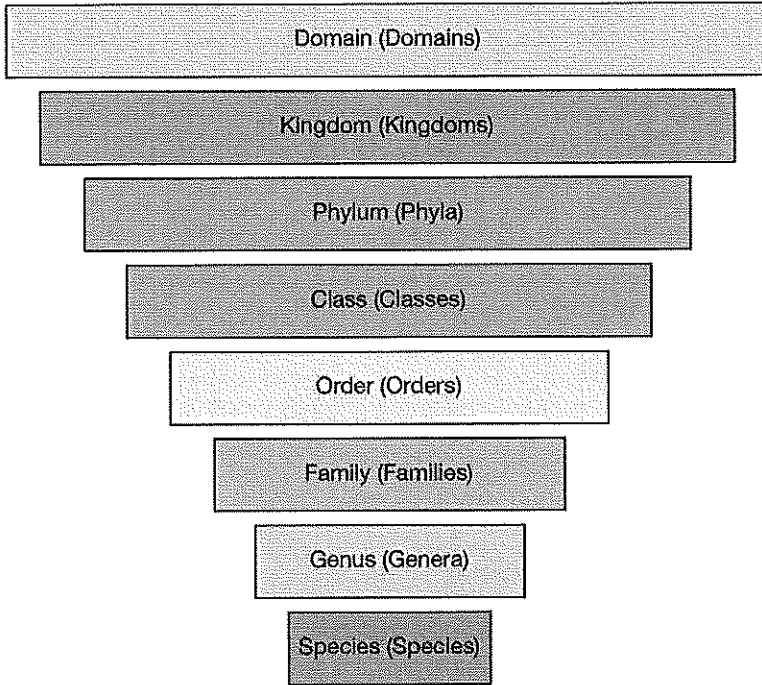
<p>NTI Day 6 Greenhouse Plants Pick a Greenhouse Plant. Be sure to draw the plant and label it on a paper. You will be answering this about the plant. -Scientific Name -Germination Length -Planting Requirements -Sunlight Requirements -Watering Requirements</p>	<p>NTI Day 7 Greenhouse Plants Using the same plant from the assignment prior, you will add more to your plant collection. -Plant Spacing Requirements -Provide at least five varieties of this plant (This can include colors or variations)</p>	<p>NTI Day 8 Greenhouse Plants Answer the following questions about your plant that you have already researched on. This will be completed on an piece of paper. 1. What is the purpose of your plant? Why would someone want to grow it? 2. If someone asked you why you should not grow this plant what would your response be? 3. If someone asked why this plant is better than others, what would your response be?</p>	<p>NTI Day 9 Greenhouse Plants This will be on the same plant. Answer the following questions. 1. What type of insects does your plant attract? 2. What type of diseases are your plant prone to?</p>	<p>NTI Day 10 Greenhouse Plants Reflection on the plant you learned about. 1. What was the best thing you learned about your plant? 2. Would you grow it? 3. Overall, what did you learn about it?</p>
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Animal Science, Vet Science, POA, Agriscience NTI Days 1-10

NTI Day & Date	Assignment	Standard
NTI 1	Go Outside! Select one animal (that's not your pet) and take a picture of it. Determine its taxonomic classification. (Refer to attached materials). Upload both into google classroom. If you can't take picture draw it!	OF1 Classify animals according to the taxonomical classification system and species-specific terminology related to age and gender
NTI 2	Wildlife: Assignment select an enclosure or zoo (in the USA) tell me what its purpose is, and do you agree with it? (why or why not). Include an image/link/or just the title of the zoo/enclosure so I can refer back to it.	OA4 Evaluate current trends in animal science through industry associations, trade journals, and reliable electronic resources
NTI 3	In reference to NTI 2, what would you change about the zoo/enclosure you chose to make it more ethical? Why? How can any facility sustain (feed, shelter, water) animals without exploiting them?	OA3 Describe the relationship between consumer demands and animal production OA11 Compare and contrast marketing opportunities for animal commodities (e.g., terminal, direct, niche, local)
NTI 4	Design your own zoo or enclosure. You can draw it or use a diagram tool online (whatever you choose) explain what your zoo/enclosure's purpose will be. How will you explain to other's that it is, in fact, ethical? *This does not need to be extremely detailed, just general layout- include animal location/housing/shelter, waterers, feeders, quarantine, lobby, any walkways, stores, vet facilities.	OB1 Describe characteristics of effective animal care facilities OB2 Recommend safe handling techniques and equipment when working with animals OB3 Differentiate between animal welfare and animal rights
NTI 5	Teach ME something- Create a short video (TikTok, YouTube, whatever method) on something I should know how to do or something you can teach me! It could be as small as changing the oil in lawnmower to building a small project, planting seeds in a garden- just show me a skill you are proud of. If you can't complete a video, then upload a step by step set of instructions.	EF3 Demonstrate effective team skills and evaluate their importance in the workplace (e.g., setting goals, listening, following directions, questioning, dividing work)

INFO FOR NTI DAY 1

How animals are classified



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