

# School District of Loyal

## Horticulture

### Grade: 9-12

## Student Learning Targets



### Class: Horticulture

Students who demonstrate understanding can:

WI State Standards	Standard:	Student Learning Targets:
AFNR.PS.1	Students will examine the components, applications, historical development, global implications, future trends, and career opportunities of the plant industry.	<p><b>Students will be able to:</b></p> <ul style="list-style-type: none"> <li>Identify at least 5 careers within the Plant System Pathway</li> <li>Discuss benefits and disadvantages of entering a career in this pathway</li> </ul>
AFNR.PS.2	Students will apply knowledge of plant classification, anatomy, and physiology to the production and management of plants.	<p><b>Students will be able to:</b></p> <ul style="list-style-type: none"> <li>Design a dichotomous key for a random object</li> <li>Describe whether a plant is a monocot or a dicot and why</li> <li>Describe the function of each plant of the plant</li> </ul>
AFNR.PS.3	Students will evaluate plant growth requirements and develop a plant management plan.	<p><b>Students will be able to:</b></p> <ul style="list-style-type: none"> <li>Manage and care for plants within a greenhouse setting based on those plants needs</li> <li>Chart plants growth over time and analyze results</li> <li>Describe environmental factors effects on plant growth</li> </ul>
AFNR.PS.4	Students will propagate, culture, harvest, and market plants.	<p><b>Students will be able to:</b></p> <ul style="list-style-type: none"> <li>Propagate plants using multiple forms of reproduction including sexual and asexual methods</li> <li>Prepare plants for sale</li> </ul>
AFNR.PS.5	Students will recognize different systems in which plants grow.	<p><b>Students will be able to:</b></p> <ul style="list-style-type: none"> <li>Manage hydroponic systems</li> <li>Prepare growing media for use in plant systems</li> </ul>