

BERTHA –HEWITT HIGH SCHOOL
Spring Semester Curriculum Map 2015-16
Steve Pauly – Instructor
Course Length: 18 weeks (90 hours)
Program Code: 019901
Course code: 64

Academic Standard Area: **Elective** *Course Title/Strand:* **Landscaping** *Grade Level:* **10-12**

Textbook & Copyright: **Landscaping Principles & Practices 2004**

WEEK #	TIMELINE	CONTENT/UNIT/SUB-STRAND	PROCESS/ACTIVITY/STANDARD	GOALS/BENCHMARK	ASSESSMENT	RESOURCES
1	1 week	Tree and leaf identification	Outdoor and indoor practices	Students will identify trees at 90% success	Students will identify 30 tree specimens	Forest Management and tree road map
2	2 days	Shrub and Leaf identification	1 outdoor and 1 indoor practice	Students will identify coniferous and deciduous shrubs	Students will understand the use of shrubs in the landscape	Landscaping principles and practices
2	3 days	Planting trees from containers and into the landscape	How to video on tree planting Actual planting of tree	Student will be able to plant a tree and care for it	Tree planting activity and written exam	The art of landscape planting video
3	2 days	Sod harvesting and application to the lawn	Lecture on sod and hands on sodding activity	Students will demonstrate the correct sodding procedure	Sodding activity and written exam	Landscaping principles and practices
3 - 6	15 days	Design landscape foundation plantings	Measure an existing foundation and make sketch and put that sketch on computer	All students will demonstrate this on a paper and on computer	Computer drawing will be submitted as a final report	Landscape principles and practices and pro platinum computer program
7	5 days	Landscape pruning	Watch landscape video, Shrub and tree pruning outdoor activity	All students will demonstrate tree and shrub pruning techniques of heading back, thinning, and cutting off one years growth	Students will prune trees at the school and show the proper techniques and the use of tools.	The ABC's of landscape pruning video 1989 Landscape principles and practices
8 -9	10 days	Site Analysis	Read, discuss and understand chapter 4 – “The Site” Answer the Achievement Review on page 71. Evaluate an existing site outside for building and landscaping. Fill out Land judging card.	All students will show the ability to evaluate typical soil and drainage features of most sights and the limiting factors of the sight	Students will make a site evaluation and will also judge the land by using the FFA Land judging scorecard	Landscape Principles and Practices FFA Land Judging score card
	15 days	Landscape design	Create a landscape on an existing site using computer program and	All students will demonstrate on computer	Students will hand in a computer generated	Landscape Principles and practices and Pro

10-12			a sample house floor plan of their choice	proper landscape design techniques. Students will show construction of outdoor rooms and correct landscape principles	landscape plan showing floor plan, outdoor rooms, plants, and other items in a landscape	Platinum computer program.
13	5 days	Designing corner plantings	Create corner plantings on existing landscape using computer program and proper use of landscape principles	All students will demonstrate on computer the proper landscape techniques of a corner planting.	Students will hand in a computer generated corner planting of both deciduous plants and coniferous plants.	Landscape Principles and practices and Pro Platinum computer program.
14	5 days	Designing flower beds	Create an annual and perennial planting bed using flowers from zone 3 growing conditions	All students will demonstrate on computer the proper techniques in developing a flower bed	Students will draw a rough draft of the annual and perennial flower beds and computer generated draft	Landscape Principles and Practices and Pro Platinum Computer program.
15	5 days	Design borders of property using zone 3 plants	Construct landscape plan showing the use of zone 3 plants bordering the property creating walls, ceilings and floors	All students will demonstrate on computer the proper landscaping techniques of showing walls, ceilings, and floors using plants in the landscape	Students will draw a rough draft of the use of walls, ceilings, floors using plants in the landscape followed by a computer model	Landscape Principles and Practices and Pro Platinum computer program.
16	3 days	Design a foundation planting	Construct a foundation planting using rocks, edging and plants around the foundation of the house.	All students will demonstrate on computer the proper techniques of making a foundation planting. Foundation should show balance, a focal point, edging, and proper plants in scale with the house	Students will draw a rough draft of the foundation planting followed by a 3 D view of the computer version.	Landscape Principles and Practices and Pro Platinum computer program.
16-18	12 days	Design own floor plan and landscape the property outside the floor plan	Construct a floor plan and landscape the property outside the floor plan.	All students will demonstrate on computer the proper technique of making a floor plan of their choice. Students will also construct on computer the landscape outside the floor plan. Special note on outdoor rooms, foundation plantings, corner plantings and flowerbeds, driveways and walk paths.	Students will draw a rough draft and a 3 D view of the floor plan and landscape.	Landscape Principles and Practices and Pro Platinum computer program.

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Check the MN Dept of Ed website for Academic Standard information