Cabrillo High School Viticulture Program

2021-2022 School Year
Teacher Introduction

Name: Shelby Daniel
College: Humboldt State University
Major: Ecology with an emphasis in Botany
Prior work experience: USFS Botany Field Technician
Courses taught: Floriculture, Advanced Floriculture, Horticulture, Advanced Horticulture, Viticulture I and Viticulture II
Years at CHS: 3 years
Cabrillo alumni!!
GO CONQS!
Burton Mesa Vineyard

- 1 acre vineyard
- Located between the basketball courts and tennis courts at CHS
- Established in 2011
- Originally Pinot Noir, Pinot Grigio, and Chardonnay
- Switch to Syrah in 2015
Meet the Vineyard Staff

Elijah Hannaford - Vineyard Lead

Grade: 12th grade

Years in the Viti program: 2 years

Vineyard duties: Oversaw all 4 quadrants, identified brix levels using a refractometer, tended to irrigation problems in the vineyard, assisted other students in maintaining their rows, pruned additional vine rows

Favorite part about this class: “hands-on activities”

Plans for after high school: Attending a community college and transferring to a 4 year major: Enology and Viticulture
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Grade: 12th grade

Years in the Viti program: 2 years

Vineyard duties: Oversaw all 4 quadrants, identified brix levels using a refractometer, tended to irrigation problems in the vineyard, assisted other students in maintaining their rows, pruned additional vine rows

Favorite part about this class: “The harvest and field trip”

Plans for after high school: Attending a 4-year major: Biology
Grade: 10th grade
Years in the Viti program: 1 year
Vineyard duties: Oversaw quadrant 3, trellis and cordon maintenance with a tapener, 2 individual rows
Favorite part about this class: “This class is interactive and hands-on”
Plans for after high school: Attending a 4-year college major: undeclared
Shelby Hirzel – Vineyard Manager

Grade: 10th grade
Years in the Viti program: 1 year
Vineyard duties: Oversaw Quadrant 4, maintain 1 individual row
Favorite part about this class: “Learning about the different grape varieties”
Plans for after high school: Go to college and become an Architect
Fall Grapevine Care

- Viticulture students are assigned 2-3 rows
- Bird netting
- Yellow jacket traps
- Cluster pruning
- Powdery mildew maintenance
- Weeding
- Leaf pulling
- Brix reading (leads)
Vineyard Harvest

- October 28th
  7:30 am - 8:30 am
- 1 ton of grapes harvested
- Translation: 300 bottles of wine produced
- Transcendence winery field trip
Spring Grapevine Care

- Dormant vines
- Mr. Diaz Ampelos Vineyard Manager
- Natural fertilizer and turned soil
- Light pruning mid January
- Late February full pruning
Vineyard/Viticulture Class Goals

- Better performance of quadrants 3 and 4
- Overall 50% less powdery mildew
- More Viticulture field trips/industry connections
- Internships
Upcoming Events

2018 Syrah: $25.00
10% of a case (12 bottles)
- TGIF wine sale every Friday at Transcendence
- Transcendence pick-up party February 26th 1 pm - 4 pm
Ornamental Horticulture Needs

- Greenhouse control panel replacement
- Wadsworth quote: $20,000
- New nursery benches
Floriculture Needs/Struggles

- Inflation in floral price
- Loss of Ocean View Flowers
- Broken Floral cooler
  ~ $1,200