



2022-2023
SENIOR PROJECT
MANUAL

Senior Project Overview

- **A Research Paper on a topic related to your project** (turned into English class)
- **20 hours of work on a physical project**
- **A Project Log documenting the hours you spent working on your project and meetings with mentor** (4 minimum)
- **A Senior Project Portfolio** which includes:
 - Parent Consent Form
 - Mentor Commitment Form
 - Mentor Verification Form
 - Advisor Meeting Verification
 - Project Summary
 - Project Time Log
 - Project Self-Evaluation
 - Cost Analysis
 - Copy of Research Paper
- **Google Slide Presentation**
 - Create a Google Slide presentation with a minimum of 8 slides and visuals.
- **Display Board**
 - Produce a display board documenting your experience with photos. Affix student name and mentor name clearly on display board.
- **Display Night**
 - Participate in Community Display Night **(4/24/23)**
- **Oral Presentation Day**
 - Give a 6-8 minute Google Slide presentation on Oral Presentation Day **(5/26/23)**
- **Thank You Notes**
 - Provide addressed thank you notes to mentor, interviewee and anyone else who significantly helped you with your project to coordinators before Display Night.



Etna High School Senior Project Deliverables

Senior Project Deliverables	Due Date
Initial Meeting with Mrs. Van Housen & Mrs. Morris & Manual Delivery	9/20-9/21/2022
Meet w/staff advisor and fill out Senior Project Conference Record	9/21-10/3/2022
Turn signed Senior Project Conference Record in to Mrs. Morris or Mrs. Van Housen	10/3/2022
Turn in Mentor Commitment, Parent Consent and Declaration of Project forms to Mrs. Morris or Mrs. Van Housen	11/10/2022
Check in w/staff advisor 1x per month between November and April	11/1/2022-4/17/2023
Research Paper turned in to English Teacher (1/3 of grade)	1/13/2023
Check in w/Mrs. Van Housen &/or Mrs. Morris	2/3/2023
Completed Portfolio due (w/Display Board=1/3 of grade)	4/17/2023
Display Board due	4/21/2023
Community Display Night	4/24/2023
Google Slides Presentation due	5/22/2023
Senior Project Oral Presentations (1/3 of grade)	5/26/2023

PHYSICAL PROJECT CRITERIA

Minimum Hours:	20
Result:	Project must be completed as stated in <i>Parent Consent Form</i>
Mentor:	Meet with mentor a minimum of four times . Mentor cannot be a relative, must be at least 21 years old, and an expert in the field. <u>Mentor must sign the Project Verification form and Project Log</u>
Research Paper:	You will write a research paper on a topic related to your project. Your English teacher will provide you with the rubric and assignment. This will go into your English grade for the first semester and be $\frac{1}{3}$ of your Senior Project grade.
Project Time Log:	Project time and mentor meetings documented in a time log. Driving time not included. See PROJECT TIME LOG for an example.
Portfolio:	A Senior Project Portfolio will be turned in the week before Community Display Night and will include: Parent Consent Form, Mentor Commitment Form, Mentor Verification Form, Summary of Project, Project Time Log, Project Self-Evaluation, Research Paper and Cost Analysis. See PORTFOLIO for further details.
Display Board:	Produce a display board documenting your experience with photos and written steps. Affix student name and mentor name clearly on display board.
Display Night Judging:	Have your project and display board set up in the gym by 3:30 on Monday, April 24, 2023. Students will present to staff and answer questions before display night.
Display Night:	Attend Display Night Monday April 24, 2023. See SENIOR PROJECT DISPLAY for further details.
Oral Presentation:	Students will give a 6-8 minute oral presentation before a panel of judges on Presentation Day. See GOOGLE SLIDE PRESENTATION for further details.
Thank You Notes:	Addressed Thank You Notes to mentor, interviewee and anyone else who helped you with your project to be turned into Coordinators. (We will mail them)
Grade Criteria:	$\frac{1}{3}$ of your grade will be your research paper, $\frac{1}{3}$ your Portfolio/Display Board, $\frac{1}{3}$ your oral presentation. The Senior Project grade will go on your transcript.

ADVISOR MEETING VERIFICATION

Student Name:

Advisor Name:

Date of Meeting (1 per month November-April)	Advisor Signature

FORMS

You will turn these forms in. We will make copies of the parent consent and mentor commitment forms to go into your portfolio.

Declaration of Project
Parent Consent Form
Mentor Commitment Form
Work Day Requestion Form

Student Name: _____

Senior Project is a graduation requirement at Etna High School. A passing grade must be earned in order to meet the graduation requirement.

DECLARATION OF PROJECT

For my Senior Project, I have decided to:

I understand that I must meet all the requirements of the Senior Project in order to graduate. I understand the consequences of failing to meet the requirements and/or falsifying information.

Student Signature _____

EHS SENIOR PROJECT MENTOR COMMITMENT FORM

Date _____ Student Name _____

Mentor Name _____ Contact Number _____

Mailing address _____

This student's senior project is to: _____

My expertise in this area is: _____

By agreeing to mentor this student, I will be helping this student by:

- ✓ Giving the student specific information
- ✓ Helping the student define specifically his/her Senior Project focus
- ✓ Helping the student accomplish a reasonable "learning stretch"
- ✓ Meet with the student at least 4 times (in person)
- ✓ Verifying the student's work and that the project has been completed
- ✓ Confirming the number of hours the student has spent working on the project

Though I have expertise within the student's area, am willing to help mentor him/her with his/her Senior Project and will exert every reasonable precaution to see that injury is avoided, I will assume no financial or moral obligation for any accident that may occur to the student through his/her participation in this activity.

By signing this form, I agree to mentor the above student and confirm that I am at least 21 years of age and not related to this student.

MENTOR SIGNATURE _____

PARENT PERMISSION

We hereby give permission for our son/daughter _____
to work with _____ as a mentor for his/her Senior Project.

While I expect the school and the mentor to demonstrate every reasonable precaution to avoid any student injury, I understand that both the mentor and the school district will not be held responsible financially or otherwise should an accident occur during my child's participation in this activity and accept full responsibilities for such injuries.

Parent/Guardian Signature _____ Date _____

IN CASE OF A MEDICAL EMERGENCY:

Parent/Guardian Name _____

Day Phone _____ Evening Phone _____

Emergency Contact Person _____ Phone _____

Doctor's Name _____ Phone _____

List any allergic reactions

Name of insurance carrier

This parent/guardian signature authorizes emergency medical treatment

Signature _____ Date _____

SENIOR PROJECT WORK DAY REQUEST

I, _____, request permission to use the day/date of _____ as my one excused day from school to work on my senior project at _____ under the supervision or approval of my mentor, _____.

Student signature _____

Parent/Guardian signature _____

Principal signature _____

Teachers' approval and signatures required.

1st period _____

2nd period _____

3rd period _____

4th period _____

5th period _____

6TH period _____

7th period _____

Before you are granted approval for this excused absence from school, all the above signatures must be complete. Make a copy and turn into Sara. The original is for you to take on your work day and have your mentor complete the bottom portion. When complete, turn in the original form to Sara on your return to school.



PORTFOLIO

Summary Template

Project Log Instructions

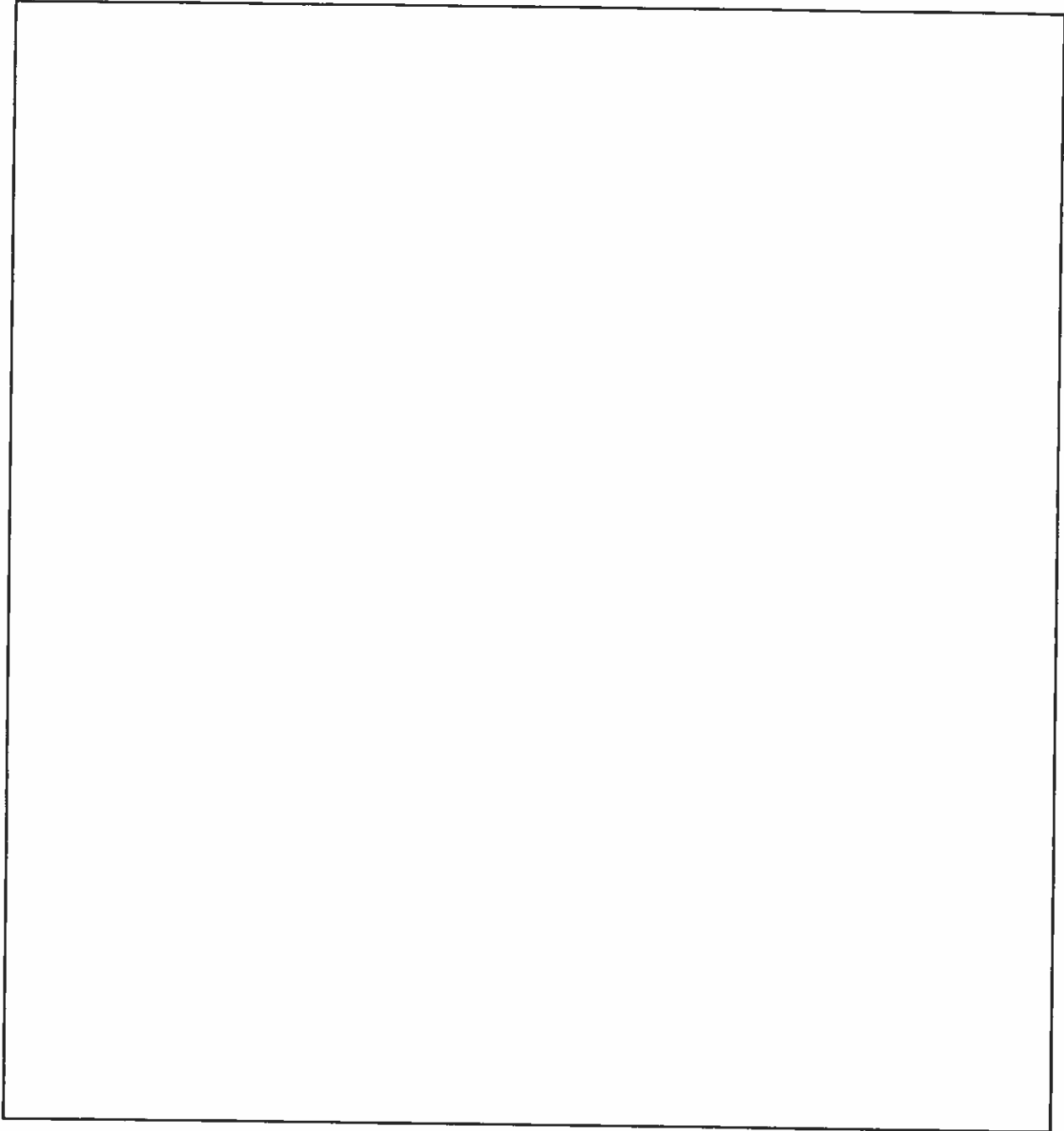
Sample Project Log

Project Verification (to be completed by Mentor)

Project Self-Evaluation

Cost Analysis

Write a 150-200 word summary of your project. Include what you did, the name of your mentor, how you thought it went, what you learned, what you would do differently and if you would recommend this project to future seniors.

A large, empty rectangular box with a thin black border, intended for the student to write their project summary. The box occupies most of the page below the instructions.

SENIOR PROJECT TIME LOG INSTRUCTIONS

During the project phase of Senior Project you must keep an up-to-date record of the effort, results and time you have spent completing your project. This log is important for several reasons. This information will be very helpful when you prepare for the oral presentation.

Your log should include the following:

- 1) Exactly what you accomplished on that day and the time spent doing it.
(Mandatory)
- 2) Brief thoughts and feelings you have about the various stages of the project. This can include successes and challenges.
- 3) Meeting dates with your mentor and some details from that meeting.
(Mandatory 4 meeting)
- 4) The total hours spent on the project entered on the last page.
(Mandatory)
- 5) Your mentor must sign the last page of the log.
(Mandatory)
- 6) Log length will be no more than 4 pages. The log must be typed in 12 font.
(Mandatory)

Reminders:

- **Take photos of yourself working on your project at different stages. You will need these for your display board.**
- **Shopping and driving time are not included in project hours.**
- **Make your entries in the log on a regular basis. Your mentor or staff advisor may ask you, at any time, to review your log.**

SEE NEXT PAGE FOR A TIME LOG EXAMPLE

EXAMPLE SENIOR PROJECT TIME LOG

Jilinda Franklin
Senior Project Log

Saturday, August 23, 2008

Yesterday I met with my mentor, Lee Rosenberg and I followed him in my car to the Dust Devil Mine. Today I got up early to look for Oregon Sunstones as the sun started coming up because if you look just right you can see the shine of one of the stones. My mentor, family, and I dug in the tailings pile just using our hands and picks. At the end of the day we washed the stones and separated the ones with red, green, and shiller from the clear ones.

Total time: 10 hours

Sunday, August 24, 2008

We started digging in the tailings pile then decided to go in a pit to dig for some more stones. My mentor showed me how to use a pick against the banks. Then he used a jackhammer hooked up to a generator. The jackhammer was a quick way to move material and find stones. After there was a pile of dirt and rocks, I would get a few bucket loads to put in the top of the screens. I removed the big rocks then slid the screens across the rollers to shake the dirt out. After gathering all the sunstones I tossed the rest back onto the ground. We searched for stones filling up bags for about half a day then returned back to our campers to wash the stones and separate the colored from the rest. We combined the colored stones from both days and took them to the owner where he separated them into groups. Each group cost a different amount per carat. The owner totaled my cost, and I bought all my stones.

Total time: 7 hours

Saturday, October 11, 2008

I met my mentor in Medford, and he drove me out to the faceter's house. Leroy, the faceter, explained he wasn't a teacher, but he would use the book and his experience to teach me. He didn't want an audience because it would distract us from our work, so he sent Lee and my mom away which made me nervous because I was left all alone with this person I had just met. Leroy explained to me the different tools and showed me a faceting book we would use for our design. He picked out a stone, we superglued it to a dop stick, and then put it in the Facetron. We used the standard traditional cut for the stone and began with the pavilion. I started out cutting eight bigger facets and 16 smaller ones for the bottom of the stone. After we finished all the facets, we put it in acetone to get the stone off the dop stick so it would be ready for next time.

Total time: 2.25 hours

Saturday, October 25, 2008

I met with Leroy to finish faceting my stone. We used hot wax to put on the dop stick then pushed the stone onto it using a machine. I worked on the crown making eight mains, 16 breaks, eight stars, and the table of the stone. It was hard to see the facets and get them to match up because I didn't know which facet I was looking at first, but after a while I understood. We used three different laps on the Facetron; we used 600 grit, pre-polish and polish laps. I messed up on one of the facets, but luckily there was enough room to fix it which Leroy helped me with. I polished all the facets then took the stone off the dop stick, put it in a setting and on a chain so I could wear it.

Total time: 3.25 hours

Saturday, March 21, 2009

I went up to Leroy's house and starting making a flat spot on the green stone that was already on the dop stick. After looking at the stone I had to stop because it had two big inclusions. We decided to soak the stone to make it come off the stick so we could try redopping it in another position to work around the inclusions but still use the stone. Next I decided to try another stone and chose a red sunstone. Freehandedly, I grinded a flat spot on the stone, but it also had an inclusion in it, and we decided to try another stone. I used the prefaceted green stone making the table flatter and then superglued it on a dop stick. Using the book Leroy explained to me what I would be doing and what was involved before I started the pavilion using an emerald cut. I got the main facets and the next row but had to leave before I could finish the point of the stone.

Total time: 3 hours

Grand Total: 34.5 hours

Mentor's verification signature _____

Date _____

PROJECT VERIFICATION

Student Name _____

Project _____

Mentor, you have been chosen to verify this student's efforts on his/her Senior Project. Since most of the time spent on the project phase of the assignment has been outside of school, verification of the student's work is necessary. Please answer the following questions to help us evaluate his/her project completion.

Mentor Name _____

(Please Print)

1. Can you verify that he/she spent at least 20 hours working on this project?

Yes _____ No _____

Comments:

2. What problems, specifically, did this student encounter and overcome?

3. What successes have you seen this student achieve?

4. Did you meet with the student at least four times?

Yes _____ No _____

Please comment:

Mentor signature _____

Contact number _____

Date _____

* Thank you for your time and cooperation. * Use the back of this page if necessary.

PROJECT SELF EVALUATION

Name:

Date:

2. In at least 25 words, describe your project:

3. Fill in the blank:

- a. Total hours spent on the project:
- b. Date you started your project:
- c. Date you completed your project:

4. Did you encounter any problems throughout your project? If so, please explain the problem you encountered along with how you overcame it:

5. Did you manage your time well throughout this project? Please explain:

6. Throughout this experience, what did you learn about yourself?

7. What grade would you give yourself for your project? Provide justification:

My Grade:

Justification:

DISPLAY BOARD

SENIOR PROJECT DISPLAY NIGHT

- Date:** April 24, 2023
- Set-up:** Have your project and Display Board set up by 3:30 on Monday, April 24. You will be given 6th and 7th period to work on this.
- Student Interviews:** 3:30 – 5:00 PM
All seniors will be interviewed by EHS staff as part of the judging process. At that time, you will be called in for your turn to answer the judges' questions.
- Open to the Public:** 7:00 – 8:15 PM Please **arrive by 6:45 PM.**
You will stay with your project.
- Dismantle Project:** 8:15 PM Take home all project materials.
Return all borrowed items.
- Attire:** Boys: shirt with collar, clean & neat pants, shoes
Girls: dress, skirt or slacks & blouse *no flip flops allowed

Display Board Criteria

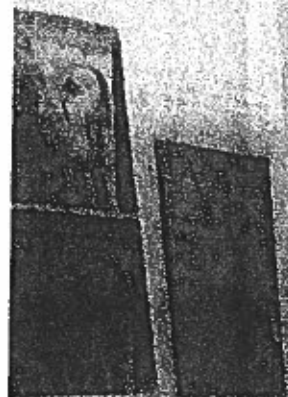
- Your display board must have a title.
- Your name and mentor's name must be clearly visible on your display board.
- Show the progression of your project in a logical order through pictures. These pictures must be displayed with captions describing the process.
- The board must be colorful and engaging.
- You may bring "props" or decorations to place around your board if they are related to your project.

Those with auto body jobs, tractors, etc., may park on the pavement on the south side of the gym (between roses and gym). You will take your project home that evening, if possible. If not, move it beside the shop until the next day.

You are responsible for bringing and returning your own table, extension cord, audiovisual equipment, etc. A card table from home works well. School tables may be borrowed **with teacher permission**. Students must return borrowed items.

LARGE-SCALE... ...PAINTING

MAKING HARDER WORK
REPAINTING



STEP 1



STEP 3



STEP 4



STEP 2



ORAL PRESENTATIONS

Google Slides Presentation Instructions

You will create a Google Slides presentation to be presented on **May 26, 2023** at Oral Presentation Day. Your presentation needs to be **at least 8 slides** and will serve as visual cues for your oral presentation. Your presentation needs to be **6-8 minutes long**. Include these items on your slides:

- **Introduction** (Introduce yourself and your project)
- **Previous Experience** (What was your experience in this area prior to this project)
- **Mentor** (Who was your mentor and what was their expertise)
- **Pictures of steps/project progress** (Take pictures along the way of you working on your project)
- **Problems Encountered/Solutions** (What were the challenges you faced? How did you overcome them?)
- **What you learned about the project area and yourself** (Did you find out you are a procrastinator? Did you discover you love doing something new?, etc.)
- **How you feel about your finished project** (Are you satisfied with the end results? What would you do differently?)

Large Scale Painting

Savanah Miller

About Me:

- Lived in Scott Valley for 12 years
- Girl Scouts for 11 years
- SCAD- BFA in Art History w/ Minor in Graphic Design in Fall 2022



Previous Experience:

- Avid artist and painter
- Theater sets
- COS Art courses
- Completed CTE Arts- Pathway
 - ↳ Art I & II
 - ↳ Computer Graphics I & II
 - ↳ Yearbook



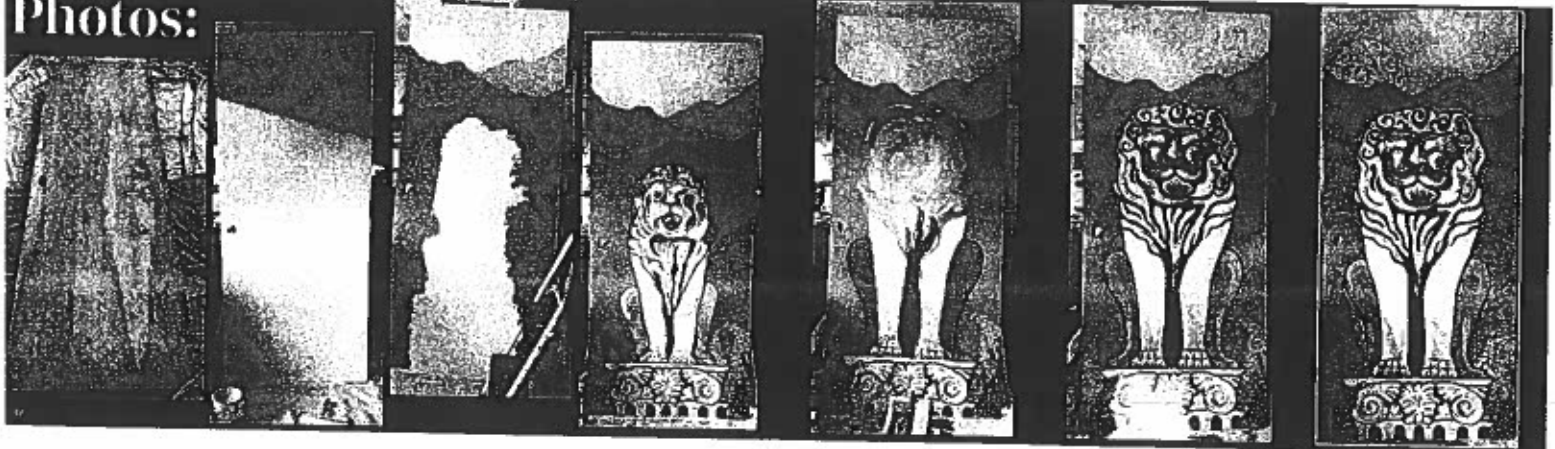
Mentor:

Hannah Shickle

Her expertise:

- History/English teacher
- Theater flats/Set design
- Creative writing
- Murals/Large scale paintings

Photos:



Obstacles:

- Scaling the lion up
- Re-painting errors
- Planning design/Sketches
- Sealants
 - Consulted my mentor
 - Cut and pasted a scaled, paper version
 - Studied local murals
 - Spoke to paint expert at Fort Jones, Maryland



What I Learned:

- Time Management
- Procrastination
- Tenacity

- Working with new mediums
- Different techniques of painting
- Utilizing brushstrokes to create texture.



How I Feel Now:

- Proud
- Accomplished
- Satisfied

- Earlier Start
- Further Research into Murals

