

This list is from another school, so not all the options or comments apply to us. It is intended to help students find ideas.

## Senior Project Topic List

Here's a list of some project ideas to help you think about and decide on your own project. You are encouraged to come up with original ideas and to get advice from your teachers and mentor(s).

~~Please note that you are required to complete a minimum of 15 hours. Several of the project ideas here WOULD NOT take 15 hours so you may need to do a combination of a few of them.~~

### Area of Interest

### Physical Project

#### **Agriculture**

Gardening  
Land Management  
Herd Management  
Landscaping  
Agriculture  
Hydroponics

Grow something in a new way  
Demonstrate new techniques  
Demonstrate new techniques  
Landscape the school  
Grow something in a new way  
Demonstrate new techniques

#### **Animals**

Orphan wild animals  
Endangered animals  
Deer population  
Conservation  
Animal abuse  
Wildlife Management  
Breeding  
4-H

Animal Rehab. Volunteer  
Animal Rehab. Volunteer  
Wildlife study  
Volunteer at Conservation Club  
Humane Society volunteer  
Shadow Game Warden  
Volunteer at Zoo

#### **Art**

Artist  
Cartooning  
Architecture  
Architectural art  
Interior Design  
Murals  
Floral design  
Technique  
Commercial art

Paint a mural in style of artist  
Design a cartoon (character)  
Draw blueprints/make model  
Model home  
Remodel/redesign bedroom  
Paint a mural  
Make floral arrangements  
Create a portfolio  
Commercial art advertising

#### **Automotive**

Engines  
Paint  
Body repair  
Electrical

Restore an old car's engine  
Demonstrate painting technique  
Repair a fender

#### **Business**

Public relations  
Stock market  
Small business  
Funding techniques for charities  
Internet impact on business  
Franchising

Info. packet for community on Senior Project  
Interview stockbroker  
Plans for own business  
Raise money creatively for charity  
Design web pages  
Prepare prospectus on a franchise in our area

**Computers**

Computer programs  
Computers  
Multi-media software  
Computer components  
Construction/building  
Networking

Write a bulletin board service  
Design accounts  
PowerPoint presentation of High School years  
Design Electric Motor  
Build a computer  
Shadow computer technician

**Culinary Arts**

Japanese Restaurant  
Low-fat cooking  
Ethnic diets

Learn Japanese cooking

**Drugs**

Crack babies  
Drug testing  
Drugs in elementary schools  
Teens and drugs  
Designer drugs  
Alcoholism  
Fetal alcohol syndrome

Community Awareness Program  
Work in Health Care Facility  
Present program in schools  
Present program in schools  
Interview drug counselors

**Education**

Elementary education  
Hearing impaired  
Child Care  
Special Education  
Secondary Education – Specialty  
School Administration  
Gender bias  
Home schooling

15 hours of Kindergarten  
Learn/teach sign language  
Teach baby-sitting classes  
Shadow with Special Ed. Teacher, do lessons  
Shadow with HS Teacher, do lessons  
Shadow with School Administrator  
Interview/shadow elementary teacher  
Interview parents/children

**Engineering**

Engineering  
Solar heat  
Fiber optics  
Dams  
Consumer products  
Specialized engineering

Build a working go-kart  
Design a solar heated home  
Study voice communication  
Comparative study of structure versus strength  
Do case study on various products  
Demonstration/Instruction

**Fashion**

Fashions 1940-2010  
Modeling  
Fashion  
Design

Fashion show  
Fashion show  
Design own fashion line  
Make “flapper” dress

**Film**

Alfred Hitchcock  
Western  
Editing  
Documentary  
Film noir  
Silent film

Direct short film using Hitchcockian technique  
Write and produce short western film  
Short film using variety of editing techniques  
Make documentary about life in a small town  
Convert short story into film noir  
Make a silent movie

**Health**

AIDS/HIV and teens  
Autism  
Exercise  
Physical Conditioning  
Robotics and Prosthetics

Present workshop to students with speaker  
Prepare informational brochure for parents/community  
Organize a Walk-a-thon  
Design program for a parent  
Build a robotic hand

**Journalism**

Journalism  
Magazine History  
Newspaper History  
Journalism  
Reporting/Editorializing  
Editing

Create a magazine  
Trace history of Time  
The Courier Express  
Shadow reporter from Union Sun & Journal  
Write and try to publish article for US&J  
Shadow editor at Union Sun & Journal

**Literature**

Writer's Craft  
Christian Influence/Allegory  
Children's Literacy  
Comparative themes  
Author  
Drama

Collection of poetry and short stories  
The Lord of the Rings  
Write a children's book  
Harry Potter and the Wizard of Oz  
Write poetry or prose in style of author  
Write a play

**Math/science**

Hydropower  
Cruise missiles  
Weather forecasting  
Weather and emotions  
Water pollution  
Statistics  
Math Applications  
Accounting  
Forensics  
Forensics  
Forensics  
Forensics  
Ozone  
Ecology  
Evolution and Creationism  
Sunspots  
Global warming  
Lighting and water environments  
Stem cell research

Create a model  
Build a model  
Forecast weather for a week  
Do a case study, interview others  
Examine Lake Ontario  
Fantasy sports  
Chose non-engin. career path, explore math  
Shadow Accountant  
Shadow CSU  
Create a mock crime scene  
Research a case using forensics  
Compare CSI to reality  
Conduct ozone destruction experiment  
Study animal and plant population in same tree  
Chart finding, present to biology classes  
Observations/Visit Planetarium  
Conduct experiment  
Build an aquarium  
Interview/shadow doctors

**Medicine**

Dentistry  
Health Care/HMOs  
Medical secretary  
Emergency room medicine  
Veterinary medicine

Work at a dental clinic  
Propose a suitable alternative  
Shadow medical secretary  
Shadow emergency room doctors  
Shadow veterinary doctor

**Music \*You may not learn a new instrument or teach someone else**

Classical Music  
Contemporary Music  
Arrangement  
Local music scene

Compose music in style of artist  
Compose and perform a song  
Compose song for orchestra  
Record own CD of original work

**Performing Arts**

Women in theater  
William Shakespeare  
William Shakespeare  
Victorian designs  
Radio broadcasting  
Dance

Interview local actresses  
Shakespearean monologue performances  
Interview Shakespeare in the Park performers  
Design set for current production  
Take part in broadcast at WLVL  
Choreograph and perform original routine

**Photography**

Photography  
Digital vs. film  
Kodak

Compile portfolio on specific theme  
Interview/shadow local photographer/ compile port.  
Interview/shadow workers at Kodak

**Politics**

2008 Election  
Electoral college  
American politics since 1865  
Campaign issues  
Two-party system  
Three branches of government

Volunteer to campaign for political party  
Redesign more effective system  
Interview local politician  
Conduct a poll/interviews  
Create viable new third party  
Interview local judge

**Recreation/sports \*You may not teach a friend/relative a sport**

Shooting  
Holsters  
Karate  
Running  
Women and sports  
Soccer

Design trap thrower  
Design and make holster  
Take lessons/demonstrate  
Train for and run in marathon  
Coach or shadow coach  
Teach children soccer

**Religion/philosophy**

Eastern religions  
Western religions  
Bible  
Pow-wows  
Existentialism  
Ministry

Interview Theologian  
Interview Theologian  
Interview Theologian  
Make wing dress  
Interview Philosophy professor  
Volunteer with local ministry

**Social Issues**

Care of elderly  
Student rights when arrested  
Handicapped housing  
Teen Peer Pressure  
Teen pregnancy  
School Violence  
Death Penalty  
Terrorism  
Gun control

Volunteer at retirement/nursing home  
Handbook on what to do  
Design barrier-free house  
Write/direct/perform play  
Volunteer at Crisis Center  
Interview local police  
Visit correctional institution with parents  
Interview local FBI  
Take marksmanship course

Poverty  
Effects of media  
Abortion  
DNA/Innocence Project  
Poverty  
Homeless  
Child abuse  
Censorship

**Travel and Tourism**

Space tourism  
Niagara Falls  
Somerset Historical Society  
Niagara County

**Videography**

Videography  
Editing

**Miscellaneous**

Food-clothing drive  
Create a Senior class video  
Interview employee at Planned Parenthood  
Do a case study  
Organize doll (toy) drive  
Volunteer at shelter  
Program design prevention/group sessions  
Interview local TV/Radio personality

Design a resort for the moon  
Comparative PowerPoint between US/Canada  
Interview local historian  
Prepare brochure for tourists

Prepare a video for incoming Freshmen  
Make a music video

## Potential Culminating Project Options:

Here is a list of project ideas – feel free to adapt them, extend them or develop your own!

### You Can:

- Organize a fundraiser – note: you can't handle money so you need a representative from a nonprofit group to actually COLLECT the funds!
- Design a uniform or costume for a group.
- Organize multicultural dance performance
- Research background of a dialect of popular language
- Organize a kids' spelling bee/word challenge
- Create a family history scrapbook
- Develop a portfolio of poems or short stories
- Write a one-act play
- Create a visitor's/new resident guide to your city
- Plan a wedding
- Plan and host a dinner party
- Choreograph & perform a dance
- Create an eco-garden (of indigenous plants of our shrub step ecosystem – their own yard, a neighbor, vacant lot, etc.)
- Design a home that is elderly/handicapped friendly (remodel or start from scratch)
- Design a multi-age level public park/activities center
- Create a critter park – several mini ecosystems within an area that house organism's specific to those ecosystems. Or a single ecosystem for critters.
- Breed an animal (show said animal) or flower
- Volunteer to work on an election committee; study the election process
- Create a way for animals to live in our ever-increasing technological world, in the same way Avista Utilities built nesting areas on top of power poles for osprey.
- Create a program to involve youth with senior citizens in nursing homes.
- Promote a Get Out and Vote campaign for 18 yr olds
- Design a fitness program
- Develop an animal training program
- Write a novel
- Create an anthology
- Design a tutoring center program
- Design a magazine
- Create a biography (video or written)
- Film and edit a documentary
- Build an engine
- Create a family genealogical chart
- Direct/produce a play/musical
- Create, fund, publish, and distribute a newspaper
- Bring a writer to a school/classroom. Coordinate/create a lesson with writer and class
- Create a charity organization including the means to allow it to continue post HS

- Landscape a yard
- Virtually recreate a historical journey (travel on L&C's trail)
- Create a sociological study/observe a group of people/demographic (rodeo participants, waitresses/waiters, karaoke singers, crosswalk kids)
- Develop a hybrid flower seed
- Create a children's book to deal with a specific issue
- Write/publish a collection of short stories, poems, or a novel (or write and submit for possible publication)
- Create and produce/publish a small literary magazine (online or print)
- Design a literature unit for a real book, play, etc and have district approve the text
- Create a study guide/aid/materials for a book/unit to help ESL/Special Ed/New students
- Translate Student Handbooks into foreign language for new immigrant students
- Create an "academic" summer camp for 8th graders
- Edit/Produce an anthology of LC Alums
- Design/produce a video/PP show for the entire school for a large con on special issue
- Create website "study guides" for specific units
- Create/sustain a student mentor/tutoring program
- Write/record/produce a "spoken word" album of poetry, stories, etc.
- Organize a trip to a Spanish speaking country
- Design a unit of instruction and teach it
- Teach elementary kids a foreign language/create programs at elementary schools
- Direct/sponsor a Jr. High debate tournament
- Enter a National history day project
- Research a topic and teach a lesson about it at a middle school or elementary school
- Create a display for the MAC
- Write a paper on a historical topic (submit it to "History Today" or the "Concord Review")
- Research a problem or issue of importance in the community and propose a solution to the city council or city officials
- Create a new elective class (like media literacy)
- Run a Math is cool! competition
- Introduce an Academic Decathlon
- Introduce a Science Olympiad
- Plan a Battle of the Bands
- Promote a local event or historic site
- Maintain aesthetically pleasing space along the Centennial trail
- Create a new bike path
- Teach/offer a class that brings older community members in to school to offer a variety of skills
- Set up guest speakers on a set of topics
- Present an oral history on Iraq war vets/psychological impact of the war etc
- Design and implement a program addressing a social issue in the school

- Take part in a Pro Start – Culinary competition
- Manage, create new items, create a manual for training new employees
- Study a genre of art – produce a piece or a show that conveys an understanding of all the elements of that period
- Create an item using lapidary skills
- Prospect for precious metals and gems
- Learn to appraise jewelry
- Develop a safe jewelry studio setup – create a model
- Create a jewelry business plan
- Create a suite of jewelry pieces based upon a cultural theme (Celtic, Japanese, Egyptian)
- Develop a textbook
- Develop and market a board game
- Write a children's book and illustrate it
- Hold a book drive
- Give an interpretive reading of a piece of literature
- Set up a tutoring program for younger students
- Write and submit a magazine article
- Create/re-image corporate image through logos and corporate communication pieces
- Create/propose a magazine
- Partner with a community organization to develop, write and distribute newsletters and/or other communications
- Do presentations during WASL Weeks

- Design an exhibit on an interesting local writer
- Create a campaign for political office
- Help establish a new wetland protected area.
- Create a brochure for low-income legal services
- Study mandatory sentencing/statistics and make recommendation to proper authorities
- Assist in conducting a political campaign
- Create marketing plan
- Organize 3-on-3 tournament
- Write a legal brief
- Direct/write a middle school mock trial
- Create writing contest
- Page in senate/ house in Olympia
- Create historical map of downtown
- Be a wedding planner
- Earn the Camp Fire Wo-helo
- Study the ways you could lead walking tours of Spokane Public Schools
- Analyze fish populations and present findings
- Help with a restoration project
- Help the salmon populations
- Stop milfoil in lakes
- Study the budget of Spokane Public Schools, present findings and make recommendations
- Study the development of High School curricula and text books and present findings



- Research schools of education with regard to philosophy of education and present
- Prove or explain proof of a mathematical theorem
- Build a bicycle
- Organize and direct a bike race
- Design/ Plant a garden
- Recycle technology
- Develop a plan to save the salmon
- Research alternate forms of energy
- Start a business
- Organize a fun run in the community
- Organize an informal booth for health and fitness for a sports expo
- Create an interactive website on health and wellness
- Create a sports tournament in the community
- Design a trail system for running and mountain biking
- Design a skate/snowboard park
- Design a health club
- Design/plan/implement an exercise program for senior citizens
- Invent a new sport; design the equipment, rules, justification, etc.
- Collect a data base on wildlife on South Hill
- Organize a website for a lake
- Analyze water samples for specific Pollutant
- Design a new con to celebrate student success nonprofit organization

- Create gifts to be given to local
- Build a motorcycle
- Design, implement and monitor network security solution for a business, school, etc.
- Write a useful computer program and demonstrate all steps of design process
- Design a survey and implement it
- Organize drug alcohol support group for teens
- Design sports program for underprivileged kids
- Design and present a 60 minute presentation on a health issue to other schools
- Create study skills/time management class for younger students
- Design an athletic training room--supplies, trainers, etc.
- Do a land cover assessment
- Design and build a wheelchair ramp
- Hang an art show in a gallery
- Convert a space into an installation/sculpture
- Transform a room into a livable space
- Learn how to create and install concrete countertops or floors
- Create a scale model/diorama of a historical event
- Make a CD and market it to Tower Records, etc.
- Serve as an interpreter

Make up your own plan – be amazing! Just make sure that your planned project is NOT:

- so big that you won't be able to get it done
- so complicated that you have to involve too many people
- so dependent on outside help that you fail to pull it off
- so easy that it gets rejected
- so boring that you lose interest in it

## Senior Project Research & Product List

Looking for research and product ideas? This list below is your helpful guide. Remember, this is just a list of suggestions. Should you have questions, or need guidance, please ask your Senior English teacher.

Research	Product
Medical/Dental fields associated with a chosen disease/illness/prevention	<ul style="list-style-type: none"> <li>• PowerPoint on disease or cancer and 3-D Model of cells.</li> <li>• Personal journey undergoing treatment.</li> <li>• 3-D mold of mouth undergoing orthodontia.</li> <li>• Examples showing ongoing x-ray imaging of a patient                             <ul style="list-style-type: none"> <li>◦ All of the above Requires advanced approval from Patient, Medical Professional, and/or Facility.</li> </ul> </li> </ul>
Running/Hosting a Fundraiser - Benefit Concerts	<ul style="list-style-type: none"> <li>• Plan and Host a Benefit Concert to Raise Money for Crisis in Darfur</li> <li>• Plan and Host a 5K to raise money for a local cause</li> <li>• Plan and Hhost a golf tournament (must have more than 10 participants)</li> </ul>
Firefighting	<ul style="list-style-type: none"> <li>• Journal Recording My Hands-on Experience at the Fire Station / Video Journal of experiences</li> </ul>
Scuba Diving and Life-guarding	<ul style="list-style-type: none"> <li>• Get Certification in Scuba Diving and Go Scuba Diving - must link to a career associated with Scuba Diving or Marine Biology</li> <li>• Take a lifeguard course and receive certification</li> </ul>
Teaching Methods and Techniques	<ul style="list-style-type: none"> <li>• Create and Teach a 2<sup>nd</sup> Grade Lesson on Bullying and Show to Judges on Video and Pictures.</li> <li>• Produce at least one week of lesson plans with student examples</li> <li>• Possible enrollment in Introduction to Teaching (Szpindor) / indicate field experience</li> </ul>
Sports Injury Prevention & Rehabilitation	<ul style="list-style-type: none"> <li>• Plan for Sports Injury Prevention and Rehabilitation</li> <li>• Video of exercises and stretches for a sports</li> </ul>

	<ul style="list-style-type: none"> <li>team</li> <li>In-presentation display of procedures</li> <li>Document your ongoing work with a student with an injury</li> </ul>
Growing Career of Forensic Science	<ul style="list-style-type: none"> <li>Build a Miniature (3D) Crime Scene</li> <li>Complete an authentic report on collection of data</li> <li>Create a video crime scene</li> </ul>
Careers in Fashion Design or Sewing	<ul style="list-style-type: none"> <li>Design and Create 5 Original Pieces for a Clothing Line with sketches or computer renderings</li> <li>Use bought patterns and include in presentation</li> <li>Powerpoint must show the construction of the pieces</li> <li>Design, create and wear a prom dress</li> </ul>
Benefits of Faith to Well-Being	<ul style="list-style-type: none"> <li>Plan, Conduct, and Video A Religious Retreat</li> </ul>
Engineer (all types)	<ul style="list-style-type: none"> <li>Design and Build a Hydrogen Booster Cell with documentation of process.</li> <li>Architectural 3-D Model, Printed Model, House Plans, Interior/Exterior Renderings</li> <li>Electronic and Printed CAD renderings, etc</li> <li>Develop a Computer and Physical Model of a Roller Coaster</li> <li>Develop plans and model for a bridge or park</li> <li>Create a robotic machine</li> </ul>
The types of artists, artistic eras, and their mediums	<ul style="list-style-type: none"> <li>Document from start to finish the creation of one or more pieces in a chosen approved medium.</li> <li>Present / sell art pieces in a gallery.</li> <li>Flower arranging for a wedding</li> </ul>
Writers, Poets, Technical Theatre, Journalist, Directors, and Playwrights	<ul style="list-style-type: none"> <li>Create/publish a book of personal short stories/poems and perform a reading for presentations.</li> <li>Create a script for a play.</li> <li>Direct a play at a local playhouse.</li> <li>Design and build set for a production.</li> <li>Write and submit a short novel for publication.</li> </ul>

	<ul style="list-style-type: none"> <li>• Write a series of articles for a newspaper or magazine.</li> </ul>
Vehicle Performance Technology	<ul style="list-style-type: none"> <li>• Rebuild an engine.</li> <li>• Create a sound system for an automobile.</li> <li>• Restore a vintage vehicle</li> <li>• Restore or build a boat</li> <li>• Convert a dirt bike to a street bike</li> <li>• Auto detailing. <ul style="list-style-type: none"> <li>◦ All of the above require Pautomobile at presentation.</li> </ul> </li> </ul>
Performance Arts: Advancements in dancing, singing, acting, playing an instrument and all technical aspects of these fields.	<ul style="list-style-type: none"> <li>• Video Performance of Tap Dance in front of a live audience</li> <li>• Teach a dance class over a period of time</li> <li>• Take a ballroom dancing class and receive a certification</li> <li>• Create and teach a dance for a troupe to perform live.</li> <li>• Perform a dance, song or play an instrument for presentation.</li> <li>• Video of Teaching and Conducting a Choral Performance</li> </ul>
Animal Care	<ul style="list-style-type: none"> <li>• Foster an animal</li> <li>• Host a fundraiser for an animal care organization</li> <li>• Build a doghouse</li> <li>• Learn how to train a drug dog and perform in presentation</li> <li>• Foster and train a guide dog (present video of dog performance / process)</li> <li>• Work at a stable</li> <li>• Horse riding or animal showing competition</li> </ul>
Business Planning	<ul style="list-style-type: none"> <li>• Virtual Portfolio for a company (presented ppt.)</li> <li>• Create a business plan for a restaurant. Include a proposal you would submit for a small business loan.</li> <li>• Create and present a marketing plan for a local business including marketing materials, plans and outcome.</li> <li>• Create an advertising campaign</li> </ul>
Areas of Cosmetology	<ul style="list-style-type: none"> <li>• Design and create a full artistic nail set on a mannequin</li> </ul>

	<ul style="list-style-type: none"> <li>• Learn how to create a variety of styles/braids for prom using mannequins</li> <li>• Conduct a cosmetic makeover on a prospective client / include a “storyboard” of products and techniques used.</li> <li>• Theater makeup - create your own makeup line.</li> </ul>
Construction and/or Interior Design	<ul style="list-style-type: none"> <li>• Document and Aid in renovating a house for sale</li> <li>• Create and implement an original design for a room / include presentation of materials used / create a Pinterest board of ideas used</li> <li>• Build a greenhouse</li> <li>• Refurbish / repurpose furniture</li> <li>• Construct a shed, table, desk</li> </ul>
Adventure Outdoor Sports or Outdoor Careers	<ul style="list-style-type: none"> <li>• Journal and Video of Personal Spelunking Experiences</li> <li>• Take and document a wilderness survival course</li> <li>• Learn how to waterski</li> <li>• Learn how to rappel, mountain climb, fly fish</li> <li>• Learn how to skydive, take courses in various outdoor sports</li> <li>• Park enhancement</li> <li>• Landscape Design</li> </ul>
The History of American Cinematography	Short Individual Film
Various Causes	Organize and Conduct a Fundraiser to Support Your Cause
Martial Arts	Earn a Martial Arts Belt and Perform a Live Video Demonstration of Techniques
Basic Life Support	Earn Life Support Certification
Culinary Arts	<ul style="list-style-type: none"> <li>• Design and Learn to Make a Wedding Cake at the Wilton Art class at a local Michael’s or JoAnn’s</li> <li>• Take a local food preparation course</li> <li>• Making and selling a food-related product</li> <li>• Teach a children’s cooking class following an approved cooking methodology</li> </ul>

Historical sites in Woodstock, Georgia	Create a video walking tour of Woodstock
Waste disposal and the environment	Organize/supervise group to pick up trash on campus for the semester. Keep records of activity
Scientific procedures and processes	<ul style="list-style-type: none"> <li>• Test and monitor E-Coli bacteria in local groundwater. Compile data in a digital portfolio</li> <li>• Waste water management</li> <li>• Biodiesel</li> <li>• Meterology</li> <li>• Going Green projects</li> <li>• Nutritional enhancements</li> </ul>