**Topics in Forestry and Natural Resource Conversation**

**Forestry** is the science, art and practice of understanding, managing and using wisely the natural resources associated with, and derived from forest lands. As such, the disciplines of forestry and natural resource conservation encompass numerous areas of study.

The list of forestry topics below is as broad as the definition stated above. Your task is to review the list of forestry topics below and…

1. **Choose a Topic** that sparks your interest. (See list below)
2. **Create your Thesis Statement or Driving Question:** Choose a topic and start to formulate your thesis statement or driving question. Note: You may need to do a bit preliminary research to create a meaningful thesis statement or driving question.
3. **Select a Format:** Determine what format you want to present your topic in. Ask yourself: What format do I feel will best get my message across? Where do my strengths lie?

***Choose one of the following format options:*** (See the format criteria for each topic listed below)

* Slideshow/E-book,
* Public Service Ad Campaign,
* Scrapbook/Photo Essay,
* Essay,
* Art Piece (Model, Rap/Song Lyrics, Painting, Video, etc.),
* Comic or Storybook,
* Blog or Webpage,
* Video,
* Debate

1. **Choose a Topic:**
2. **Bioenergy and Biofuels:** Research the steps in producing biofuel from wood.
3. **Forestry and Climate Change:** Examine effects the forestry industry has on climate change.
4. **Engineered Wood Products:** Discover how wood can be engineered to produce new products.
5. **Forestry Ecology:** Learn about the relationships between flora, fauna and abiotic matter in forests.
6. **Forestry Entomology:** Examine the various groups of insects that infest B.C. forests.
7. **Global Issues:** Examine forests from a Global perspective.
8. **Forest Pathology:** Explore the world of forest disease.
9. **Invasive Plants and Forestry:** Study the effects invasive plants have on B.C.s forests.
10. **Forest Genetics:** Learn about how trees are bred for improvement.
11. **Forest Management and Conservation:** Discover how a large range of complex decisions are needed in forest management.
12. **Forest Measurement & Biometrics:** Find out about the gathering of forest data through to the reporting of land information.
13. **Remote Sensing:** See how information from satellites, etc. help us manage the forest.
14. **Sustainability and Forestry:** Learn about ways in which forests can be managed more sustainably.
15. **Wildland Fire & Fuel:** Focus on reducing the negative and enhancing the beneficial effects of fire.
16. **Exportation of B.C. wood products:** Examine the 5 W’s of B.C.s wood export industry.
17. **Wildlife & Fish:** Investigate the complex interactions among species, ecosystem dynamics and processes, land use and management, and emerging threats.
18. **Outdoor Recreation:** Understand and manage outdoor environments, activities, and experiences that connect people with the natural world.
19. **Water, Air & Soil:** Enables clear air and safe drinking water, protection of lives and property from wildfire and smoke, and adapting to climate variability and change.
20. **New technologies:** New ideas in forest technology to increase production and reduce costs in forest formation.
21. **First Nations and the Forest:** Explore how the forest plays an integral role in the social, spiritual and cultural lives of First Nations across Canada.
22. **First Nations Relationship with the Forest Industry:** Examine the historical and current relationship between the two parties.

**YOU MUST CITE YOUR INFORMATION that you get from the internet!**

Plagiarism will not be tolerated. Please make sure you cite all sources if any are used in APA format. See the Geography webpage at the RBSS Learning Commons about APA format. <http://rbslc.staff.sd62.bc.ca/knowledge-building-centre-2/burgess-global-geography-12/>

**Format Criteria:**

***Debate***

* Statement you are debating
* Well formulated arguments (pros/cons) based on research
* Should have a minimum of five arguments for both sides, fully developed
* State which side you agree with most and why, while addressing opposing arguments
* Properly formatted bibliography and citation of sources (Use APA style)
* Thesis statement and APA style cover page

***Comic or Storybook***

* Based on research
* Properly formatted bibliography and citation of sources (Use APA style)
* Thesis statement and APA style cover page
* Thesis is supported by visuals as well as text
* Must be a significant piece of work that reflects quality research

***Scrapbook/Photo Essay/Webpage/Slideshow/E-Book***

* Minimum of five entries to support thesis statement
* Provide articles/visuals for each entry
* Summarize each item, give your opinion and connection to your thesis statement
* Properly formatted bibliography and citation of sources within your presentation (Use APA style)
* Thesis statement and APA style cover page

***Essay***

* Strong thesis with supporting arguments based on research
* Addresses opposing arguments
* Minimum five pages, typed and double spaced using 12pt. font
* Properly formatted bibliography and citation of sources within your presentation(Use APA style)
* Thesis statement and APA style cover page

***Art Piece / Video***

* Creation of something visual or musical over a period of time based on research
* Written explanation of your piece and how it supports your thesis statement
* Properly formatted bibliography and citation of sources within your presentation (Use APA style)
* Thesis statement and APA style cover page

***Public Service Ad Campaign***

* Should be a compilation of pieces put together over a period of time based on research
* Mixture of written text and visuals to educate the public about an important issue
* Properly formatted bibliography and citation of sources (Use APA style)
* Thesis statement (or slogan/message) and APA style cover page