***Sample Student Project Idea Prompts***

**A Species Traditionally Utilized by First Peoples of BC**

*Science 9 curriculum connections – Biology and Earth Systems Units*

**Name of the Species**

* Latin name
* Common English name
* Indigenous Language(s) name(s)

**Biological Information about the Species**

* Habitat
* Detailed diagram of the species (labeled)
* Explain and describe the method(s) of reproduction (asexual, sexual, or both?)
* Diagram of reproductive cycle

**Interdependence**

* In what ways is this species dependent on other species?
* In what ways do other species depend on this species?
* In what ways do earth systems and this species interact? (biosphere, geosphere, hydrosphere, atmosphere)

**First Peoples Utilization of the Species**

* Traditional use(s) of the species in BC
* Traditional harvesting and/or cultivation methods
* Medicinal properties (if applicable)
* Nutritional benefits (if applicable)

**Traditional Practices and Sustainability**

* Consider the reproductive processes, life cycle, and survival needs of the species. What conditions are necessary to sustain the species?

* Consider the traditional practices of harvesting, cultivating, utilizing, and disposing of waste, for this organism. Are traditional practices sustainable? (e.g. limits on quantities harvested? Locations? Cultivation methods? Timing of harvest within the life cycle of the organism?)

**Current Uses and Sustainability**

* Are First Peoples of BC still utilizing this resource? If so, are traditional methods still utilized, or have methods changed?
* Is the organism now commonly utilized in BC beyond First Peoples communities?
* Are current methods of harvesting, cultivation, and use, sustainable?

**Science First People Project – Library Period Information Sheet**

**Topic: Species Traditionally Utilized by First Peoples of BC**

*Science 9 curriculum connections – Biology and Earth Systems Units*

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Project Topic: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Resources used and Works Cited:**

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**Gather as much information as you can** on the following topics, and make summary notes. You will need a variety of different resources and sources of information.

1. **Name of the Species**
   1. Latin name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Common English name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Indigenous Language(s) name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. **Biological Information about the Species**
   1. Habitat
   2. Detailed diagram of the species (labeled)
   3. Explain and describe the method(s) of reproduction (asexual, sexual, or both?)
   4. Diagram of reproductive cycle
2. **Interdependence**
   1. In what ways is this species dependent on other species?
   2. In what ways do other species depend on this species?
   3. In what ways do earth systems and this species interact? (biosphere, geosphere, hydrosphere, atmosphere)
3. **First Peoples Relationship with, and Utilization of, the Species**
   1. Beliefs and Spiritual connections with the species
   2. Traditional use(s) of the species in BC
   3. Traditional harvesting and/or cultivation methods
   4. Medicinal properties (if applicable)
   5. Nutritional benefits (if applicable)
4. **Traditional Practices and Sustainability**
   1. Consider the reproductive processes, life cycle, and survival needs of the species. What conditions are necessary to sustain the species?
   2. Consider the traditional practices of harvesting, cultivating, utilizing, and disposing of waste, for this organism. Are traditional practices sustainable? (e.g. limits on quantities harvested? Locations? Cultivation methods? Timing of harvest within the life cycle of the organism?)
5. **Current Uses and Sustainability**
   1. Are First Peoples of BC still utilizing this resource? If so, are traditional methods still utilized, or have methods changed?
   2. Is the organism now commonly utilized in BC beyond First Peoples communities?
   3. Are current methods of harvesting, cultivation, and use, sustainable?