**Environmental Sciences 11/12**

**Sunoka Story Trail Project Species Project**

**Your organism: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Due: Wednesday, October 6th**

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| **Parts of the Project** |
| * Choose an organism that is along the Sunoka walking trail (visible or hidden)
* Create a PDF or webpage that is visibly appealing that will educate people about the plant, animal, insect, fungus
* Include photos, information, sounds, Okanagan Syilx language words and stories
* What is this organism’s niche?
* What other organisms in the area is this connected to (eat, shelter, connections)
* How do we protect this organism?
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Information to include about your organisms

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| --- | --- |
| **Learning Goal****Curricular Competency** | **Details** |
| **Societal Impact** | * Current situation with population
* What is going to happen to the ecosystem if this continues
* Factors involved with decline
* Trophic cascades (who else does this organism impact?)
* Organisms niche in the ecosystem
* Is this a red/blue listed species?
* Is this an invasive species?
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| **Analyzing Data** | * Current population of organism
* Historical population organism
* Graph of provincial and local numbers
* Map of boundary of area
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| **Evaluating Situation** | * What are we currently doing to help (organizations, etc)
* What more needs to be done
* What can we do as a community?
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| **Reflection** | * What can people’s role be in order to keep this organism healthy? (personally and as a part of our Okanagan community)
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| **Communication** | * Strong use of scientific language
* Did the information on your PDF/website make sense? Easy to follow? No spelling errors?
* Was able to answer questions confidently.
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We will then create a QR code that will link people on the trail directly to your PDF/website. These QR codes will be connected to a log and directly linked on a website so that people can look things up and learn more about our Sunoka environment.

Make connections between Syilx ways of knowing and western ways of knowing.

Create a visually appealing product.