**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? |

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? |
| **Analyzing Data** | * Current population of organism * Historical population organism * Graph of provincial and local numbers * Map of boundary of area |
| **Evaluating Situation** | * What are we currently doing to help (organizations, etc) * What more needs to be done * What can we do as a community? |
| **Reflection** | * What can people’s role be in order to keep this organism healthy? (personally and as a part of our Okanagan community) |
| **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. |

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.