**SNC1W Resource Collection**

**Title:** Environmental Threats - Now What?

**Course Code:** SNC 1W

| **Topics**  Environmental Stewardship | **Timing**  Preparation: 15 min  Lesson: 75 min |
| --- | --- |

**Curriculum Expectations:**

* **B2.4** investigate factors and processes, including biodiversity, air and water quality, soil health, and succession, and explain how they contribute to ecosystem sustainability
* **B2.5** explain the effects of various human activities on the dynamic equilibrium of ecosystems

**Introduction:**

* The focus of this learning day is to provide a structured group activity and lesson to step students towards discovering and learning about stewardship

**Learning Goals:**

* Practice researching a new topic
* Consider environmental impacts on various groups of people
* Provide possible solutions to environmental challenges
* Learn that ecological footprints show individuals, groups, or nations how much land is needed to produce what they consume and absorb their wastes.
* Learn that environmental stewardship means taking care of resources in a sustainable way.
* Organizations and individuals are taking action to make sure we use resources in a sustainable way.

**Prior Knowledge:**

Students may need to review the following concepts:

* anthropogenic factors
* how to effectively work with partners

**Lesson Plan**

| **Description** | **Time** |
| --- | --- |
| Introduction | |
| Jigsaw activity instructions:  <https://docs.google.com/document/d/1tfwh1srMXeqjZ8HMGwYVPiDP2ivpofP8CRQwsEU1EIY/edit>  Jigsaw activity photocopiable:  <https://docs.google.com/document/d/1YvRB1yF_xXvPlKF0b_jwzMWQh5T0YwxDVicH8FVWYt4/edit> | 35 minutes |
| Content | |
| Lesson:  <https://docs.google.com/presentation/d/1HMTj82EgoH7G1ayjI8oH92AysKLW3ZsoN799stw6iDw/edit#slide=id.g35ed75ccf_015> | 35 minutes |
| Consolidation | |
| Homework:  found at the end of the lesson linked above  Project:  see day 3 | 10 minutes |

| **Materials:**   * ~~Computers/Tablets~~ * ~~Laptop/LCD Projector~~ * Handouts: * ~~Other:See linked activities and lesson slideshow in plan above~~ | **Transferable Skills**   * ~~Critical thinking and problem solving~~ * ~~Innovation, creativity, and entrepreneurship~~ * ~~Self-directed learning~~ * ~~Collaboration~~ * ~~Communication~~ * ~~Global citizenship and sustainability~~ * Digital literacy |
| --- | --- |
| **Instructional Strategies**   * ~~Brainstorming~~ * ~~Think Pair Share~~ * ~~Demonstration~~ * ~~Group Work~~ * ~~Independent Work~~ * Questioning * ~~Class Discussion~~ * Hands On Activity * ~~Other: Jigsaw~~ | **Assessment For/As/Of Learning**   * ~~Conversation~~ * Observation * ~~Homework Check~~ * Notebook Check * ~~Participation~~ * ~~Peer Assessment~~ * Self Assessment * Product * Other: |

**Assessment Resources:**

* See linked activities above. No assessment of learning.

**Safety**

* None

**Equity and Diversity Concerns:**

* None - a varied perspective is presented within the presentation

**Next Steps/Extensions**

* See day 3 consolidation project