

## 21<sup>st</sup> Century Lesson Cycle Template

**Grade:** 7

**Subject:** Science

**Unit:** Ecosystems

**Driving Question:**

**Curriculum Outcomes:**

propose and defend a course of action to protect the local habitat of a particular organism (113-11, 211-5)

**Expected Time:**

**1X60 minute class.**

**Resources:** [like flipped videos, iPads, etc.]

**Lesson Procedure**

**21<sup>st</sup> century skills**

Teacher does (I Do):

Show students the list of protected species. Ask students to choose just one species on the list to save. Students should support their choice with at least one reason.

Go through the definitions of protected, extinct, threatened and endangered.

- find, validate
- remember, understand
- collaborate, communicate**
- analyze, synthesize
- critical thinking**
- evaluate, leverage
- create, publish**
- citizenship**

Individual student work (You Do)/ Group work (We Do):

Each student will be given a role in the pretend town of Thoreau. They must decide what to do about the piece of land that may be redeveloped in the town. They must support their point of view with reasons. They must support their position and highlight changes that may occur in the ecosystem. They may write a letter or write a series of tweets or a mock Instagram to express their opinion.

- find, validate
- remember, understand
- collaborate, communicate**
- analyze, synthesize
- critical thinking**
- evaluate, leverage
- create, publish**
- citizenship**

<p>Class share (We Share):</p> <p>Students will share their assignments</p>	<ul style="list-style-type: none"><li><input type="checkbox"/> find, validate</li><li><input type="checkbox"/> remember, understand</li><li><input checked="" type="checkbox"/> <b>collaborate, communicate</b></li><li><input type="checkbox"/> analyze, synthesize</li><li><input type="checkbox"/> <b>critical thinking</b></li><li><input type="checkbox"/> evaluate, leverage</li><li><input type="checkbox"/> <b>create, publish</b></li><li><input type="checkbox"/> <b>citizenship</b></li></ul>