**Unit Essential Question:** *How do humans impact organisms around the world and what can we do about it?*

**Overall Unit – All Tasks**

* Unit 4, Task Cards Student Version, Lift-Off and Tasks 1 through 3
* Culminating Project Student Task Card
* Project Organizer
* Projector with Audio (for video or images, whenever needed)

**Lift-Off Task (2 days, based on 45-minute periods)**

Per Student

* Task Card Student Version: Lift-Off
* Post-Its (Optional)
* Task Card Student Version: Culminating Project
* Project Organizer

Per Group

* Poster paper and markers

Whole Class

* Poster paper and markers
* \*See Instructions in Lift-Off for other optional materials to use for the class concept map

**Task 1 (4 days, based on 45-minute periods)**

Per Student

* Task Card Student Version: Task 1
* Project Organizer
* Task Card Student Version: Culminating Project (for list of organism options)
* Computers or Tablets for research (optional)

Per Group

* Evidence Cards #1-5
* Computer or Tablet (for video)

Whole Class

* Projector and Speakers

**Task 2 (4 days, based on 45-minute periods)**

Per Student

* Task Card Student Version: Task 2
* Project Organizer
* Computers or Tablets for research (as necessary)

Per Station

* Station Cards (1-2 copies per station) – may need to duplicate stations based on class size

**Task 3 (4.5 – 6.5 days, based on 45-minute periods)**

Per Student

* Task Card Student Version: Task 3
* Project Organizer
* Post-Its (Optional – 3+ per person)

Per Group

* Research Card (Optional)
* 1-2 Computers or Tablets, for research
* 2 Poster Papers
* Markers
* Post-Its (1 stack, split up between group members)

**Culminating Project (10 days, based on 45-minute periods)**

Advocacy Video

* Recording Device (phone, computer, camera, etc.)
* Movie Editing Software (Optional)
* Poster Paper (Optional for visuals)
* Color pencils/markers or computer graphics (Optional for Visuals)

Solutions Evaluation

* Depends on their choice in format