Closing the Loop: Toward a Circular Economy

Duration: Two weeks (10 instructional hours)

How can we make our economy more circular, and why does it matter?

**Lesson 1:**
The Circle of Stuff
How can a circular economy minimize harm to the environment and human health?

- **Activity 1:** There's No Such Place as Away (75 mins)
- **Activity 2:** Beyond the Three Rs (50 mins)
- **Activity 3:** Success Stories of Circular Economies (100 mins)

**Lesson 2:**
The Secret Lives of Batteries
What are the steps and benefits of recycling lithium-ion batteries?

- **Activity 1:** Digging into Lithium (50 mins)
- **Activity 2:** The Second Lives of Batteries (75 mins)
- **Activity 3:** Create Your Video Storyboard (75 mins)

**Lesson 3:**
Spread the Word to Make an Impact
How can we create a culture of battery recycling in our community?

- **Activity 1:** Peer Review: Video Storyboard (50 mins)
- **Activity 2:** Create Your Video Challenge (50 mins)
- **Activity 3:** Video Challenge Festival (75 mins)

**Final Product**
Students collaborate to produce a short video challenge that communicates to a particular target audience about why and how to recycle devices that use lithium-ion batteries, through the lens of a circular economy. To increase the impact, audience members are encouraged to share the videos through social media.