**Grade 7: Human Impacts on Earth Lesson**

**Florida Standard SC.7.E.6.6**  Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, and changing the flow of water.

**Part 1: Introduction to Human Impacts on Earth**

*5 Ways Humans Have Changed the Earth Video (4:31)*

<https://www.youtube.com/watch?v=OZIXPQt4DoI>

*5 Human Impacts on the Environment: Crash Course Ecology #10 (10:37)*

<https://www.youtube.com/watch?v=5eTCZ9L834s&t=12s>

**Part 2: Calculating Personal Ecofootprint Activity**

<https://www3.epa.gov/climatechange//kids/calc/index.html>

Each student completes the activity and results are discussed. This may require take home for completion of some categories. After discussion, have students trace foot (or download and print foot outlines from internet), cut out, and write 5 actions they commit to doing in order to lessen individual ecological footprint. Decorate and display on wall in classroom.

**Part 3: Deforestation Article and Discussion Questions (Nat. Geo.)**

<http://www.cpalms.org/Public/PreviewResourceUrl/Preview/56019>

**Part 4: What’s In the Water in Your Watershed? Activity**

<http://www.cpalms.org/Public/PreviewResourceLesson/Preview/66479>

**Part 5: Human Impact on Ecosystems Inquiry Experiment: Ecobottles Lab**

<http://www.instructables.com/id/Eco-Column/>

**Part 6: Drop Saver Poster Creation**

These activities have demonstrated how humans have impacted all facets of our environment and planet. Students will create a poster illustrating a way we can conserve and/or preserve water that has been impacted by humans. How can humans make a difference in the conservation and preservation of our clean, safe water?