



# Earth Week Curriculum

## Monday

### Earth Week Introduction Presentation

- Introduces the concept of sustainability and the importance of environmental protection
- Explores public health's relationship to sustainability, especially exiting a pandemic
- Interactive with fun facts to excite students

### Introduce Week's Earth Day Challenge

- Challenge: Who can recycle the most? At the end of the week, students will bring photos of what they have recycled that week.

## Tuesday

### Earth Week Scavenger Hunt

- Students go outside and try to find all 20 items on the [checklist](#)
- Watch this [video](#) to learn more about the ecosystem and the importance of protecting its participants
- Debrief: Follow along with these guiding questions
  - The impact on humans and the environment if 1 of these animals didn't exist. 2?
  - What is an ecosystem?
  - What can YOU do to help out the planet and all the animals that live on it?

Remind students to bring materials for craft on Wednesday

## Wednesday

### Craft Activities

#### Option 1 (Advanced):

Students investigate particulate matter (PM) air sensor kits utilizing this [guide](#) by educators at the Massachusetts Institute of Technology. We recommend select students or teachers build the kits in advance, but students can also create them in class if able  
Estimated Time: 60 minutes

#### Option 2 (All Levels):

Students craft bird feeders from plastic bottles or coffee cans and fill with sunflower seeds to bring home to hang on tree. Paired with debrief over how the bird feeder will impact the ecosystem and the variety in which materials can be recycled  
Estimate Time: 30 minutes

## Thursday

### Environment Games and Simulations

Sing along to the Earth Week [song](#)!

Let students have fun exploring the [UCAR website](#) with educational games and simulations to help them better comprehend the climate and atmospheric science they will learn is being compromised throughout the week. Sustainable Health recommends focusing on a few of the following activities on the site:

Climate Sensitivity Calculator  
Compare IPCC Scenarios Interactive  
Compare Maps of Antarctic Sea Ice Extent Side-by-Side  
Compare Maps of Regional Climate Projections  
Energy Choices and Climate Change  
Greenhouse Gases Sorting Game  
Ruler of the World  
The Very Simple Climate Model  
Tree Rings and Climate Timeline  
Simulation

## Friday

### Earth Week Conclusion

- Students share what they have been able to recycle throughout the week and a winner is chosen
- Debrief [Presentation](#): Students reflect on the importance of taking care of the Earth and what they have learned throughout the week  
Students will form personal goals of how they can add more sustainability to their lives