

## AP Environmental Science Textbook Reading Assignments

The AP Environmental Science course was designed for students to use the following textbook:  
*Environmental Science: Earth as a Living Planet, 7th Edition* by Daniel B. Botkin and Edward A Keller.

Some students may be using the ninth edition of the textbook for this course. The table below is intended to provide the nearest equivalent reading assignments. Please note that not all reading assignments have an equivalent reading in the ninth edition as some content was eliminated by the publisher. Students may not be able to complete all of the journal assignments in the course if they are using the ninth edition. In addition, discrepancies in assessment content may exist, as items were created using the seventh edition.

Edgenuity Lesson Title	7th Edition Reading Assignment	9th Edition Reading Assignment
Scientific Measurement	Chapter 2	Chapter 2
Introduction to Environmental Science	Chapter 1	Chapter 1
Trophic Levels and Food Webs	Chapter 6	Chapter 6, pages 103–114
Biodiversity	Chapter 7	Chapter 9, pages 186–202
Energy Transfer	Chapter 9	Chapter 6, pages 114–120
Systems and Cycles	Chapter 3	Chapter 4
Life and Earth's Crust	Chapter 5	Chapter 7
Locating, Identifying, and Mining the Resources in the Earth	Chapter 26	Chapter 23, pages 576–585
Characteristics of Biomes	Chapter 8	Chapter 9, pages 202–209
Population Size	Chapter 4	Chapter 5
Success Stories	Chapter 10	Chapter 10 & Chapter 6, pages 120–127
Disposal and Management of Waste	Chapter 29	Chapter 23, pages 586–607
Food Production Practices	Chapter 11, pages 198–220	Chapter 11
Farming Practices	Chapter 12	Chapter 11, pages 243–249
Wildlife Management through Land Sustainability	Chapter 13	Chapter 12

Species Conservation	Chapter 14	Chapter 13
Environmental Health	Chapter 15	Chapter 8
Natural Hazards and Disasters	Chapter 16	No comparable assignment
Energy Resources	Chapter 17	Chapter 14
Nuclear Power	Chapter 20	Chapter 17
Fossil Fuels	Chapter 18	Chapter 15
Renewable and Alternative Energy	Chapter 19	Chapter 16
The Water We Use	Chapter 21	Chapter 18
Water Pollution	Chapter 22	Chapter 19
The Earth's Atmosphere	Chapter 23, pages 494–501	Chapter 20, pages 478–491
Climate and Change in Ecosystems	Chapter 23, pages 501–522	Chapter 20, pages 491–511
Atmospheric Pollution	Chapter 24	Chapter 21, pages 514–539
Indoor Air Pollution	Chapter 25	Chapter 21, pages 540–548