

Journey 2050 Lesson 5: Land Use Online Module

1. Begin the [Journey 2050 Lesson 5: Online Module video](#) (0:00-1:37). This video will guide you through the lesson.
 - Check www.worldometers.info to see the current estimated world population.
2. Watch [Apple Earth](#) video.
 - a. *3/4ths of planet Earth is taken up by what?*
 - b. *What portion of the Earth's surface is too hot, cold, or wet to grow crops?*
 - c. *What portion of the Earth's surface can be used to farm on?*
3. Watch the [Journey 2050: Land Use](#) video
 - a. *Why is land a precious resource?*
 - b. *How are best management practices applied to land use choices?*
4. Continue the [Journey 2050 Lesson 5: Online Module video](#) (1:37-5:11)

5. Play Level 5a of the *Geography Game*. Continue the [Journey 2050 Lesson 5: Online Module video](#) (5:11-6:15) for instructions.

- The game can be downloaded to devices from Google Play or the App Store. It can also be [played online](#) using a Firefox, Chrome, or Safari web browser.



6. Play level 5b of the *Geography Game*.

- This is a Q&A style game that has clues embedded in each question.



7. Wrap-up. Continue the [Journey 2050 Lesson 5: Online Module video](#) (6:15-8:27). Answer the questions below and review the key points.

a. Give one example of a best management practice for natural landscapes.

b. Give one example of a best management practice for urban landscapes.

c. Give one example of a best management practice for agricultural landscapes.

Key Points:

- Three percent of the Earth (ten percent of the Earth's land) is ideal for growing crops.
- Most of our urban areas were built on ideal crop land. Our ancestors settled where they could grow food and cities grew from there.
- The quality of the soil under our homes and businesses is the real challenge in the journey. The challenge also spreads to our natural areas. Protecting the Earth's biodiversity and natural resources is vital to our survival.
- Every land use decision we make has a consequence. Best management practices are essential in our journey to sustainably feed the world while balancing social, economic and environmental needs.