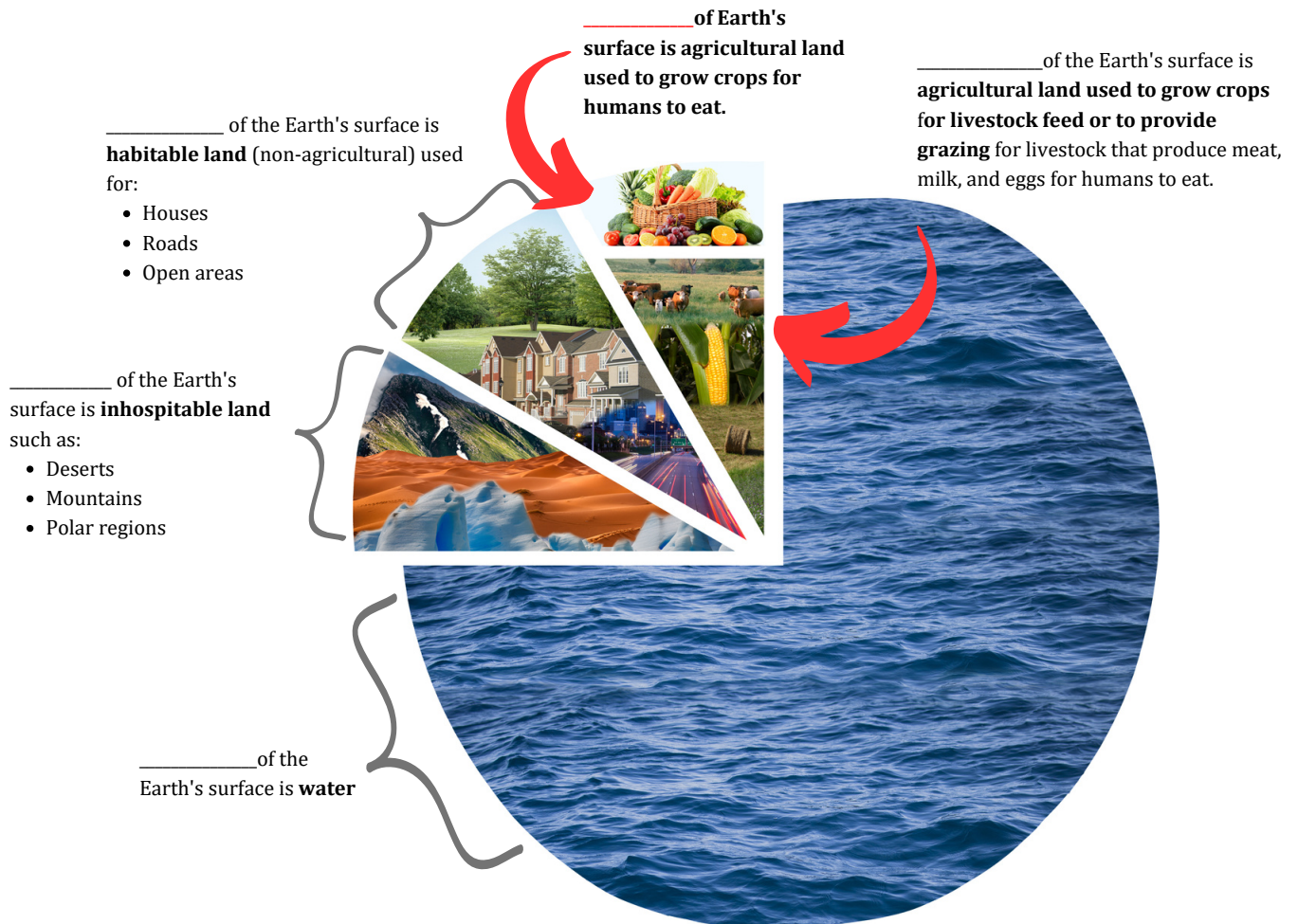Name: _____

Lesson 5: Land Use
Self-Guided Experience

Journey 2050™

Use the steps below to navigate through the Journey 2050 Self-Guided Experience.

1 Begin the **Journey 2050 Lesson 5: Land Use | Self-Guided Experience** video.

_____ of Earth's surface is agricultural land used to grow crops for humans to eat.

_____ of the Earth's surface is **agricultural land used to grow crops for livestock feed or to provide grazing** for livestock that produce meat, milk, and eggs for humans to eat.

_____ of the Earth's surface is **habitable land** (non-agricultural) used for:
- Houses
- Roads
- Open areas

_____ of the Earth's surface is **inhospitable land** such as:
- Deserts
- Mountains
- Polar regions

_____ of the Earth's surface is **water**

2 Watch the **Journey 2050: Land Use** video.

1- Why is land a precious resource?

2-How are best management practices applied to land use choices?

③ Continue the **Journey 2050 Lesson 5: Land Use | Self-Guided Experience** video. ("Step 3" chapter marker)

④ Play Level 5a of the Journey 2050 Sustainability Farming Game. The game can be downloaded to devices from Google Play or the App Store. It can also be **played online** using Chrome, Safari or Firefox.

⑤ Finish the **Journey 2050 Lesson 5: Land Use | Self-Guided Experience** video. ("Chapter 5" chapter marker) Then, answer the questions below and review the key points.

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

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

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

Key Points:
- Two percent of the Earth (eight percent of the Earth's land) is used for agriculture.
- 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.

Additional Activities:
- Play level 5b of the Geography Game. This is a Q&A style game that has clues embedded in each question.