# Understanding globalization

**Map URL:** [http://esriurl.com/humanGeoInquiry2](http://esriurl.com/humanGeoInquiry2)

**Activity**
Investigate how connections are made across Earth, focusing on advancements in transportation and technology.

**APHG Benchmarks**
APHG: I.B. Identify and explain major geographical concepts, including location, transportation, scale, place, and globalization.
APHG: III.A. Identify the connections between globalization and culture, including folk and popular culture.

**Learning Outcomes**
- Students will explain the major geographical concepts underlying the geographic perspective.
- Students will explain how globalization influences cultural interactions and change.

### Ask

**How are places connected?**

- In what ways are places on Earth connected? [Through language, culture, climate, and transportation.]
- What is globalization? [It is the increasing connections of economic, cultural, and political characteristics across Earth.]
- How does globalization create or show connections across Earth? [Globalization provides an opportunity to diffuse ideas, as well as learn about other places (including the cultural landscape).]
- Click the link above to launch the map.

### Acquire

**How have transportation advancements connected places on Earth?**

- With the Details button underlined, click the button, Show Contents of Map (Content).
- Click the checkbox to the left of the layer name, World Transportation.
- Zoom to Europe.
- What do you notice about transportation networks? [Roads cross international boundaries; some areas have more transportation than others.]
- How can transportation affect interaction? [Through trade, migration, and diffusion.]
- Press the button, Measure. Press the second button, Distance. (See Measure-Distance tooltip on page 2.)
- What is the distance between New York City, New York, and Paris, France? [Approximately 3,630 miles]
- What makes connections between these two cities difficult? [Large body of water; long distance.]
- Which mode of transportation can make these places more connected? [air]

### Explore

**What places on Earth have less access to transportation?**

- Zoom out to a global view.
- What patterns do you notice about transportation at a global scale? [Physical features impede transportation routes; more developed countries (MDCs) have better transportation.]
- Turn on the layer, Top 10 Airports.
- How are airports distributed? [Airports with the most passengers are located in developed areas.]
- Pan and zoom to an area with several transportation routes and one without.
- What may be the impact of globalization in areas? [More traditional societies are less influenced by popular culture traits and materials; the physical environment can hinder globalization.]
What advancements in technology have contributed to globalization?

- Transportation advancements have contributed to creating connections on Earth.
- What transportation technologies bring places of great distance apart, together? [Airplanes, highspeed rails, and highway networks help close distances.]
- Turn on the layer, Internet Users Per 100 People (2016).
- What types of technology worldwide contribute to globalization? [Cell phones with data access, the Internet, and TV/cable contribute to globalization.]
- What do you notice about global Internet access? [MDCs have more Internet users.]
- How are Internet usage and transportation networks related? [Answers may vary, but areas with developed transportation often have a higher proportion of Internet users.]

What is the future of globalization?

- Patterns of technology adoption and transportation exist throughout the world.
- What differences in access to technology and transportation exist worldwide? [People in MDCs often have more access and can afford luxuries, whereas those living in less developed countries or rural areas have limited access.]
- Turn on the layer, Internet Users per 100 People (1990-2015 time series). Note the time slider beneath map.
- Play the time series. How has Internet access changed over time around the world?
- How does access to advancements in technology, transportation, and infrastructure affect globalization? [It creates more uniform landscapes and diffuses cultural traits.]

Next Steps

DID YOU KNOW? ArcGIS Online is a mapping platform freely available to public, private, and home schools. A school subscription provides additional security, privacy, and content features. Learn more about ArcGIS Online and how to get a school subscription at http://www.esri.com/schools.

THEN TRY THIS...

- Map local cell towers, and then use ArcGIS Online analysis tools to perform a viewshed analysis to determine cellular coverage.
- Create a map focused on a globalization topic of interest. From its origin, map its spread across the world.

TEXT REFERENCES

- The Cultural Landscape by Pearson – Chapter 1
- The Human Mosaic: A Thematic Introduction to Cultural Geography by W.H. Freeman & Company – Chapter 12
- Human Geography: People, Place, and Culture by Wiley Press – Chapter 14