**HUMAN**

**GEOGRAPHY**

**Understanding globalization**

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| **Audience – High school human geography** | **Time required – 15 minutes** |

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

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| **APHG Benchmarks** | **Identify and explain major geographical concepts, including location, transportation, situation, scale, place, and globalization.**  **Identify the connections between globalization and culture, including folk and popular culture.** |
| **Learning Outcomes** | * **Students will explain the major geographical concepts that are underlying the geographic perspective.** * **Students will explain how globalization is influencing cultural interactions and change.** |
|  | **Map URL: http://esriurl.com/humanGeoInquiry2** |

**Ask**

**How are places connected?**

**?** In what ways are places on Earth connected?

**?** What is globalization?

**?** How does globalization create or show connections across Earth

**Acquire**

**How have transportation advancements connected places on Earth?** ʅ From the Details pane, click the button, Show Contents of Map.

ʅ Click the checkbox to the left of the layer name, World Transportation.

**?** Zoom into Europe.

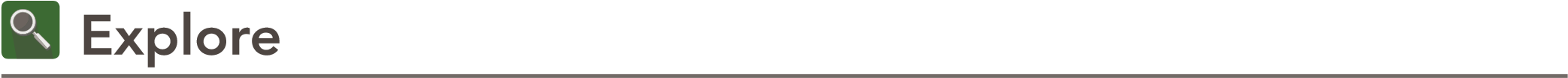
**?** What do you notice about transportation on Earth?

**?** How can transportation encourage connections on Earth

ʅ Press the button, Measure. Press the second button, Distance. See “Measure-Distance” on next page. **?** What is the distance between New York City, New York, and Paris, France?

**?** What makes connections difficult between these two cities?

**?** What type of transportation advancement can make these places more connected?



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

ʅ Zoom out to a global view.

**?** What patterns do you notice about transportation at a global scale?

ʅ Click the checkbox to the left of the layer name, Airports.

**?** Do any patterns emerge regarding airport access?

ʅ Identify an area with several transportation routes and one without.

**?** What may be the impact of globalization in these areas?

**What advancements in technology have contributed to globalization?** ʅ Transportation advancements have contributed to creating connections on Earth.

**?** What transportation technologies bring places of great distance together?

ʅ Click the checkbox to the left of the layer name, Internet Users Per 100 People (2014).

**?** What types of technology worldwide are contributing to globalization?

**?** What do you notice about global Internet access?

**?** Is there a relationship between Internet usage and transportation networks?

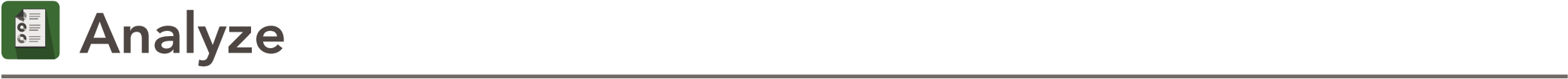
**Act**

**What is the future of globalization?** ʅ Patterns of technology adoption and transportation exist throughout the world.

**?** What differences in access to technology and transportation exist worldwide?

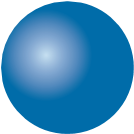
ʅ Turn on the layer, Internet Users per 100 People (1990-2010 time series). Note the time slider beneath map.

**?** Play the time series. How does Internet access change over time around the world?

**?** How does access to advancements in technology, transportation, and infrastructure affect globalization?

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| |  | | --- | | **MEASURE - DISTANCE** | | |  | | --- | | **ADD MAP NOTE** | | | |
| * Click the Measure tool. * Select Distance, and then choose the unit of measurement. * Click once to start measuring, click once to change direction, and double-click to stop measuring. | | * If you see a Modify Map button, click it. * Click Add and choose Add Map Note. * Type your title, and click OK. * Choose a symbol from the menu and add it to the map. * Add information to the pop-up box, and then click Close. |
| **Next Steps**  **DID YOU KNOW?** ArcGIS Online is a mapping platform freely available to U.S. public, private, and home schools as a part of the White House ConnectED Initiative. A school subscription provides additional security, privacy, and content features. Learn more about ArcGIS Online and how to get a school subscription at http://connected.esri.com. **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 This GIS map has been cross-referenced to material in sections of REFERENCES chapters from these texts.**   * *An Introduction to Human Geography by Pearson – • Human Geography: People, Place, and Culture by*   *Chapter 1 Wiley Press – Chapter 14*   * *The Human Mosaic: A Thematic Introduction to Cultural Geography by W.H. Freeman & Company – Chapter 12* | | |

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