**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** |

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| **ADD MAP NOTE** |

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| * 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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