

# Population

## Directions:

1. Open "World\_Population" NMF file with ArcGIS Explorer.
2. Observe the symbols and 3D graphics.
  1. What do the different heights mean?
3. Click on the Information button and then click on a country. Report the following:
  - Name of Country
  - Total Population
  - Total Area of Country
  - a. Calculate the population density of the country (Hint:  $\text{Population Density} = \text{Total Population} \div \text{Total Area}$ )
  - b. State the population in words
4. Follow steps 1-3 for 5 additional countries. Record your answers on a piece of scratch paper.
  - a. Which country had the highest population?
  - b. Which country had the highest population density?
  - c. Are these the same or different countries? Explain.

## Supply List:

- ArcGIS Explorer
- NMF file on CD-ROM "World\_Population"

## Additional Resources

- [http://www.google.com/publicdata?ds=wb-wdi&met=sp\\_pop\\_totl&tdim=true&dl=en&hl=en&q=world+population](http://www.google.com/publicdata?ds=wb-wdi&met=sp_pop_totl&tdim=true&dl=en&hl=en&q=world+population)
- <http://www.census.gov/main/www/popclock.html>
- <http://www.youtube.com/watch?v=4BbkQiQyaYc>

(Parents – please view YouTube video ahead of time. The video is child-friendly, but there is no guarantee on the types of comments posted by other users)