

Population Growth

Standards: [Social Studies - 2.1b & 2.3a](#)

Objectives/Outcomes:

- Research information regarding population growth around the world and what effects it could have on various regions and people.
- Create an interactive map using My Maps to pinpoint 3 (or more) regions where population growth is occurring and may have consequences for that region's population.
- Utilize various resources to make your observations and hypotheses and link information to your map
- Submit the share link of your map via [Google forms](#) to have access to your classmates and comment and discuss each other's findings.

Inquiry/Essential questions:

- Is population growth a global or regional issue?
- Should population density be factored into concerns for population growth?
- What problems could arise because of continued population growth?
- What other data sets (i.e. climate, agriculture, GDP, etc..) should be considered when looking at population growth?

Introduction: Our world population is growing rapidly and the current and future effects on our communities, countries, and world are being watched and debated. Today you will do some research on what is happening with population growth around the world and what issues it might be causing. Use the resources provided below to learn about population growth and make some observations and comparisons.

Resources:

- [Our World in Data](#)
- [Population Growth](#)
- [Population and Environment: a global challenge](#)
- [Geteach.com](#) - use the population density map to compare to the information you've learned on population growth. Are the two concepts related? other choices like land temperature, climate change, forest change, human development, and economy)
- Other materials found online
- [Google Form turn-in](#) and [Response sheet](#)

Procedure:

1. Review the resources as well as any other *credible* information you can find on the web about population growth and its effects on various world populations.
2. Use the GE teach website to do some map comparisons with the information provided and to test out any hypothesis you may have come up with

3. Create a list of 3 or more specific regions/places where you think population growth will have an effect and list what those effects might be.
4. Use [My Maps](#) to create a map of 3 areas of the globe where you predict population growth will have a major effect.
 - a. Use the polygon tool to outline the areas you've identified and give each one a name.
 - b. Put at least one marker in each area to explain why you chose this place and what your perceived impact of population growth is. (feel free to use images, videos and external links to help make your case)
5. Once your map is completed, submit the link via the Google Form where you will then have access to yours and the rest of the class'.
6. Via the response sheet on the google form make a comment on at least 3 other students' maps and pose a challenge to 1.

Extension/Modifications: Students who need more of a challenge can be tasked with recording a video or podcast for one of their selected regions and linking it to their maps. Students who are struggling can focus on only one region and create a Google Slides presentation to explain their hypothesis.

Conclusion: Discuss with students what trends they noticed in the population growth across the globe and how it connected with their fellow classmates. What questions do they still have on population growth and how it can affect us?