

Objective

By the end of this lesson, you will be able to understand the basic concepts of geography through the exploration of Gravitrax.

Materials and Prep

- Gravitrax starter set
- World map or globe
- Pen and paper
- Computer or tablet with internet access (optional)

No prior knowledge is required for this lesson.

Activities

- Build a Gravitrax track: Use the Gravitrax starter set to build a track and experiment with gravity, motion, and momentum.
- Explore continents: Use a world map or globe to identify and locate different continents. Discuss their names and general locations.
- Create a travel itinerary: Imagine you are planning a trip around the world. Choose at least three continents you would like to visit and write down the countries you would like to explore in each continent.
- Research countries: Select one country from each continent you chose in the previous activity. Use a computer or tablet (if available) to research interesting facts about each country, such as its culture, landmarks, or famous people.

Talking Points

- "Geography is the study of the Earth and its features, like mountains, rivers, and continents."
- "Gravitrax is a fun way to explore how gravity works. It allows us to build tracks and see how objects move on them."
- "Continents are large land masses on Earth. Can you name any continents? Let's find them on the map or globe together."
- "When planning a trip, it's important to decide which countries we want to visit. We can choose different countries from different continents to have a diverse experience."
- "Researching countries helps us learn more about their unique cultures, landmarks, and people. It's like taking a virtual journey to those places!"
- "Remember, geography is all around us. It helps us understand our world better and appreciate its diversity."