

Objective

By the end of this lesson, you will learn about the history, art, math, and science behind theme parks and create your own theme park design.

Materials and Prep

- Paper
- Pencils and coloring materials
- Ruler
- Computer or tablet for research
- No prior knowledge necessary

Activities

- **Art: Design Your Own Theme Park**
Let your imagination run wild and create a map of your dream theme park. Include rides, attractions, and even food stalls!
- **History: Evolution of Theme Parks**
Research the history of theme parks and create a timeline highlighting important milestones in the development of theme parks.
- **Math: Budget Your Theme Park**
Plan a budget for your theme park design. Calculate the costs of rides, tickets, food, and souvenirs to ensure your park is financially sustainable.
- **Science: Roller Coaster Physics**
Explore the physics behind roller coasters. Learn about concepts like gravity, acceleration, and friction that make roller coasters thrilling rides.

Talking Points

- **History:** "Did you know the first modern theme park is often considered to be Disneyland, which opened in 1955 in California?"
- **Art:** "Imagine the colors and shapes you want to use to create a visually appealing theme park map."
- **Math:** "How much do you think a roller coaster would cost to build? Let's calculate the expenses involved."
- **Science:** "What forces are at play when you go down a steep drop on a roller coaster?"