

## Objective

By the end of this lesson, the student will understand basic concepts of architecture and design through building structures in Minecraft. They will also learn about teamwork and problem-solving while collaborating on a building project.

## Materials and Prep

- Minecraft game (Java or Bedrock Edition)
- Computer or gaming console with Minecraft installed
- Internet connection for multiplayer (optional)
- Notebook and pencil for planning designs

Before the lesson, ensure that the student has access to Minecraft and is familiar with basic controls. It may also help to have a discussion about different building styles and structures in real life.

## Activities

### • Design Your Dream House

The student will sketch a design of their dream house on paper. They can think about the layout, number of rooms, and special features like a pool or garden.

### • Build Your Dream House in Minecraft

Using their design, the student will enter Minecraft and start building their dream house. Encourage them to use different materials and be creative with their choices.

### • Collaborative Build Challenge

If possible, invite a friend or family member to join in a multiplayer session. Together, they can build a community or a themed area, practicing teamwork and communication skills.

### • Show and Tell

After completing their builds, the student will present their house to you or their peers, explaining their design choices and what they like most about their creation.

## Talking Points

- "What kind of house do you want to build? Think about what makes it special!"
- "How can you use different blocks to create textures and colors in your house?"
- "Why is it important to plan your design before you start building?"
- "What challenges do you think you might face while building? How can you solve them?"
- "How does working with someone else help you build better?"
- "What are some real-life architectural styles you admire? Can you recreate them in Minecraft?"
- "How do you feel when you see your finished build? What did you learn from it?"
- "What would you add to your house if you had unlimited resources?"
- "How can you use Minecraft to express your creativity?"
- "What's your favorite part of building in Minecraft? Why do you enjoy it?"