

Objective

By the end of this lesson, the student will be able to design and build a unique Lego house, enhancing their creativity, problem-solving skills, and understanding of basic architectural concepts.

Materials and Prep

- Assorted Lego bricks in various shapes and sizes
- A flat surface to build on
- Pencil and paper for sketching ideas (optional)

Before the lesson, ensure that all Lego pieces are clean and sorted. It might be helpful to have a few examples of Lego houses for inspiration.

Activities

• Sketch Your Dream House

The student will begin by sketching their dream house on paper. They can think about how many rooms they want, what color it will be, and any special features like a garden or a garage.

• Building the Foundation

Next, the student will start building the foundation of their Lego house. They will learn about the importance of a strong base and how to make it stable.

• Adding Walls and Roof

The student will then add walls and a roof to their house. They can experiment with different heights and shapes, discussing why some designs might be better than others.

• Decorate Your House

Finally, the student will decorate their house with Lego furniture, plants, and any other fun details they can think of. They can explain their choices and what each piece represents.

Talking Points

- "What color do you want your house to be? Colors can make a house feel warm and inviting!"
- "Why do you think it's important to have a strong foundation? It helps keep your house from falling!"
- "How tall do you want your walls? Tall walls can give you more space inside!"
- "What kind of roof do you want? A flat roof or a pointy roof? Each one looks different!"
- "What special things will you put in your house? A garden, a pool, or maybe a treehouse?"
- "How does your house make you feel? A good house should make you feel happy and safe!"