

Architecture Project at DES



The project is aimed at Kindergarten children and is designed to encourage their creativity and imagination. Children will experiment with clay, wood, and cardboard to make their own three-dimensional models. The project aims to develop problem-solving skills, enhance spatial awareness, foster teamwork and collaboration, build confidence and self-esteem, and enhance STEM skills.



Resources

- 1. Clay**
- 2. Wood**
- 3. Cardboard**
- 4. Tools for shaping clay and wood (e.g. scissors, carving tools, etc.)**
- 5. Paint and other decoration materials**
- 6. Tables and chairs for working**

Workflow

- 1. Introduction:** The teacher introduces the project and explains the objectives and resources needed.
- 2. Brainstorming:** The teacher encourages students to brainstorm ideas for their models. Children can work alone or in groups.
- 3. Planning:** Children sketch their designs and decide which materials they will use.
- 4. Building:** Children use the materials to create their three-dimensional models.
- 5. Decoration:** Children paint and decorate their models.
- 6. Presentation:** Children present their models to the class and explain their thought processes and design choices.



Results

- **Increased creativity and imagination**
 - **Improved problem-solving skills**
 - **Enhanced spatial awareness**
 - **Improved teamwork and collaboration skills**
 - **Increased confidence and self-esteem**
- Enhanced STEM skills**