

Architectural

Learning Targets

- Draw and dimension a floor plan.

Learning strategies

1. Students will be able to identify, use and size architectural symbols.
2. Students will understand basic measurements.
3. Students will use basic drawing and sketching skills.

- Draw elevations and perspectives of architectural structures.

Learning strategies

1. Students will use basic measurements to be able to create a drawing to scale.
2. Students will use basic drawing skills.
3. Students will use basic perspective skills to create a drawing.
4. Students will learn basic standardized sizes of building materials.

- Draw and dimension a foundation plan.

Learning strategies

1. Students will use measurement to draw to scale.
2. Students will use basic drawing skills.
3. Students will use building codes to make a foundation plan.
4. Students will understand basic foundation requirements.

- Draw a common wall section.

Learning strategies

1. Students will understand standard lumber sizes.
2. Students will learn wall components and sizes.
3. Students will use measurement to draw to scale.
4. Students will use basic drawing skills.

- Draw a common stair section.

Learning strategies

1. Students will learn basic stair vocabulary.
2. Students will use basic drawing skills.
3. Students will understand basic measurements.

4. Students will understand basic building code information for stairs.

- *Draw a plot plan*

Learning strategies

1. Students will understand topographical symbols.
2. Students will understand basic measurements.
3. Students will use basic drawing skills.
4. Students will understand basic building code information for plot plans.

- *Plan a residential structure using the method of area planning.*

Learning strategies

1. Students will learn room knowledge and content sizes.
2. Students will understand basic measurements.
3. Students will use basic drawing and sketching skills.