



Presentations and displays of work provide the means to effectively promote the implementation of a project.

A well-done presentation will enhance the quality of a team's project.

## **Knowledge and Skills**

### **Knowledge:** Students will:

Identify the criteria for commercial property/project viability.

### **Skills:** Students will:

Assemble and organize work from a commercial project to showcase the project in an effective and professional manner.

Create visual aids for a presentation that include the appropriate drawings, renderings, models, documentation, and the rationale for choosing the proposal for project development.

Conduct an oral presentation to present a proposal for the design and development of a commercial building project.

## **ESSENTIAL QUESTIONS:**

Students will keep considering:

How important is it to an architect' or civil engineer's success that s/he possess "people skills"? Justify your answer.

## **EQUIPMENT / MATERIALS / RESOURCES:**

Students will need or utilize:

- |                                                                        |                                                      |
|------------------------------------------------------------------------|------------------------------------------------------|
| <input checked="" type="checkbox"/> Assignment Handouts / Instructions | <input checked="" type="checkbox"/> Online Resources |
| <input checked="" type="checkbox"/> CAD Software                       | <input checked="" type="checkbox"/> Other Software   |
| <input checked="" type="checkbox"/> Classroom Materials / Equipment    | <input checked="" type="checkbox"/> Schoology        |
| <input checked="" type="checkbox"/> Computer / Device                  | <input checked="" type="checkbox"/> Teacher Handouts |
| <input checked="" type="checkbox"/> Internet Access                    | <input type="checkbox"/> Other:                      |
| <input checked="" type="checkbox"/> Microsoft Office Software          |                                                      |

## **AGENDA / ACTIVITIES / INSTRUCTIONAL PROCEDURES:**

### **Teacher Activity (Introduction to New Material)**

The teacher will:

Review the Learning Objectives and Essential Questions for the lesson (at the beginning and throughout).

Lead a class discussion about the Learning Objectives and Essential Questions for the lesson.

Provide an overview of assignments that will be worked on throughout the lesson.

Demonstrate expectations / skills.

Lead a class discussion via the teacher-led PowerPoint presentation called "Easy Model Building".

Provide instructions for *Project 4.2.1 Creating a Model*.

Provide instructions for *Project 4.2.2 Commercial Building Design Presentation*.

Provide instructions for *Project 4.2.2A Commercial Project Presentation*.

Provide instructions for *Project 4.2.2B Commercial Project Trade Show*.

Review and provide access to the *Project 4.2.2 Commercial Building Design Presentation Rubric*.

Review and provide access to the *Presentation Checklist*.

Review and provide access to the *Presentation Evaluation - Guest*.

Review and provide access to the *Personal Evaluation Rubric*.

Review and provide access to the *Peer Evaluation Rubric*.

Assess student presentations/work.

## Guided Practice

The teacher will:

- Review agenda, learning objectives, and essential questions daily.
- Lead students to recall prior knowledge / experience to make connections to new content.
- Introduce content to be learned.
- Clarify and check for understanding by asking open-ended questions (or by some other type of formative assessment) throughout instruction. Reteach material as needed.
- Pace the classroom instruction to clarify misunderstanding and provide opportunities for student feedback.
- Introduce new content to be learned and how it connects to learning objectives and answers some (or all) of the essential questions.
- Demonstrate skill practices students will gain from this lesson.
- Demonstrate assignment(s) outcome expectations.
- Review resources and equipment needed to problem-solve student assignments.
- Share safety instructions to students. *Safety Instructions: Students should only utilize equipment they have been fully trained to use.*
- Provide review material / resources for students to prepare for summative assessments.

## Transition

- ☒ Classroom Expectations / Routines
- ☒ Review Questioning
- ☒ Stimulus or Signal (Example: “Pencil Drop”, “Eyes on Me”, etc.)
- ☒ Student Reflection
- ☒ Timer

## Independent Practice (Varied Learning)

The students will:

- Participate in teacher-led discussions / presentations.
- Complete assigned assignment(s) in class.
- Complete assigned homework assignment(s) outside of class.
- Provide feedback by demonstrating skills.

## Closure

The following techniques may be utilized:

- The teacher will lead a classroom discussion to check for understanding and clarify misunderstandings.
- The teacher may ask students to reflect on the outcomes from the lesson.
- The teacher may ask students if they met and how they met the learning objectives for the lesson.
- The teacher may ask students to demonstrate what was learned.
- Teacher and students may

