

Area – Interior Design
Project – Room Redo

Standards

National FCS Standard(s)

FCS 11.2.3

Determine the effects that the principles and elements of design have on aesthetics and function.

FCS 11.3.3

Review measuring, estimating, ordering, purchasing, and pricing skills.

FCS 11.3.1

Research product information, including but not limited to floor coverings, wall coverings, textiles, window treatments, furniture, lighting fixtures, kitchen and bath fixtures, and equipment, accessories, and building materials.

FCS 11.6.4

Critique design plans that address client's needs, goals, and resources.

FCS 11.7.3

Utilize a variety of presentation media such as photography, video, computer, and software for client presentations.

SD Mathematics Standard(s)

Math 9-12.N.1.1

Choose appropriate unit label, scale, and precision.

Math 9-12.B.3.1

Use estimation strategies in problem situations to predict results and to check the reasonableness of results.

What will you do?

Students will take a digital picture (use your own camera or check one out from your teacher) of a room in their house that they would like to remodel. They should print the picture and attach it to the assignment sheet. Students will accurately measure, using a ruler or tape measure, this room and its' windows, doors, etc. They should get the length and width of the room, the window measurements, and closet space, if necessary.

Students will go on a field trip to a hardware store. They will need to fill in all the information on the field trip sheet. There may be other information they will need to complete the final project, so they should be thinking ahead.

Given a set amount of money, students will identify changes they would make in the room they photographed. Using their field trip information sheet, they will estimate the costs of these changes. (They should remember to include time as an expense??????)

They will have to determine how much of a product they will need based on their room and/or window measurements. They will be determining cost per unit and total costs to estimate the cost to remodel this room. (square feet, area)

Students will collect samples of paint chips, carpet, etc. and put together a sample board and provide explanations based on the elements and principles of design. Students will provide an explanation on how the changes they are suggesting will improve this room.

What will you need?

Digital camera	printer
Tape measure/yardstick	calculator
Field trip sheet	worksheet for costs
Floor treatment samples	wall treatment samples
Window treatment samples	

How will you be evaluated?

Teacher-generated checklist:

- _____ Digital picture taken and printed
- _____ Measurements taken and brought to class
- _____ Student went on field trip and form filled out accurately
(answers will vary depending on choices)
- _____ Remodeling worksheet filled out accurately
- _____ Presentation was based on principles and elements of design –
rubric

Supplemental Materials

Remodeling Assignment Sheet

Field Trip to Hardware Store Assignment Sheet

Resources

www.4teachers.org (rubric maker)