

Area – Interior Design

Scenario – Do It Yourself or Hire It Done

Standards

National FACS Standard(s)

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 11.3.3

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

FCS 11.3.4

Appraise various interior furnishings, appliances, and equipment which provide cost and quality choices for clients.

FCS 11.6.3

Assess a variety of available resources for housing and interior design.

SD Mathematics Standard(s)

Math 9-12.N.2.1A

Add, subtract, multiply, and divide real numbers including rational exponents.

Math 9-12.M.1.1

Choose appropriate unit label, scale, and precision.

Math 9-12.M.1.3

Use formulas to find perimeter, circumference, and area to solve problems involving common geometric figures.

Scenario

You have just moved into a new house. The house is very nice except the bedroom is painted “banana yellow”; you prefer a different color. You need to decide whether to hire the work done or to do it yourself. You have \$100 to invest in this project.

What will you do?

Identify the materials and costs involved in changing the color of the bedroom. You may need to consult people with experience in this area, visit a hardware store, etc. We will assume the room has the same dimensions as your classroom; so, you will need to determine the amount of wall space that needs to be covered with paint. When you have gathered the necessary information, complete the worksheet and answer the questions.

What will you need?

Worksheet to make comparisons

Calculator

Access to people with painting experience

Field trip to a hardware store or advertising flyer with prices of painting supplies

Telephone and phone book (Interview painter: cost/hour/job, supplies you/he/she provide)

Classroom to measure

Tape measure

How will you be evaluated?

Worksheet completed

Supplemental Materials**Resources**

Money Math, Lessons for Life, 2001, University of Missouri-St. Louis