

Area – Child Development and/or Parenting

Problem – Cost/Use of Toys and Developmental Areas Impacted

Standards

SD FCS Standard(s)

FCS 2.2.4

Assess the effects of environment and community on human growth and development.

SD Mathematics Standard(s)

Math 9-12.N.2.1

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

Problem

Given specific toys for infants, toddlers, and preschoolers, students will determine which are wiser choices based on a cost per use formula.

What will you do?

In groups of three, you will be using the Internet or catalogs to price toys. Study the worksheet to determine the information needed. Decide where you will search and divide up the work. Complete the worksheet on costs and areas of development affected. Then read and discuss how cost per use is determined. Decide what the cost per use is for each toy for each age group and complete the conclusions. To determine cost per use take the total cost of the toy and divide by the numbers of uses your group was able to come up with. You could take this one step farther. Determine the number of times per week a child might use the toy times the number of weeks in a year. Then take the total cost and divide by the total number of estimated uses over the period of a year (or the time the toy would be developmentally appropriate). Cost per use formula: Total Cost of Toy/the Number of Uses your group came up with OR Total Cost of Toy/the Number of Estimated Uses Per Week X 52 Weeks in a Year = Cost per Use of Toy

What will you need?

Computers with access to the Internet

Magazines

Supplemental Materials

Children's Toys and Development Cost/Use Toy Evaluation for Infants, Toddlers, and Preschoolers Worksheet

Access to definitions of mental, physical, social, and emotional development

Resources