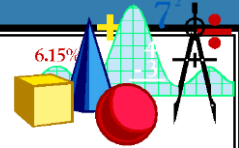


Mathematics, Grade 8  
Unit XII: Lesson 6

Report: **Hey Mom! Turn Off the Lights**



Review the formula for calculating kilowatts of power usage. Find out how to read your electric meter. Go through your house and make a list of the appliances and fixtures using electricity.

Calculate the kilowatt usage potential of two or three items. Keep a record of the amount of current these items are drawing for a fixed period of time. Calculate the approximate electrical cost of each appliance and fixture for one month.

Write a brief report for your parents, making some recommendations for conserving electricity in your home. Include graphs to support your recommendations. Show your report to the teacher.