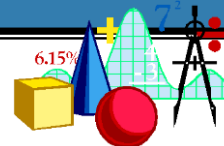Mathematics, Grade 6
Unit IX: Lesson 3   Game: **Hang Um High**

What letter in the alphabet is used most frequently? Part of your project is to find out. Review the concept of using frequency tables.

Make a frequency table for the 26 letters of the alphabet. Pick a page from your math book and tally the number of times each letter occurs on that page. Repeat this until a clear pattern emerges for all 26 letters. Armed with this information you are to develop a strategy to play hangman with a classmate.

Choose math words from your textbook to use in playing the game. Play with several classmates. If you don't divulge the strategy, you should be able to win more than 50% of the time. In fact you may want to predict what percent of the time you think you might win, and then test your prediction. Keep track of your percentage. Hang Um High!