New Skills Reinforced:

In this activity, you will practice how to:
1. Create a column chart.
2. Change text alignment.
3. Change the major and minor units of frequency of number.

Activity Overview:

The existence of iTunes® has made it easy for anyone with a computer and an Internet connection to create and organize their own music and video library. Songs and music videos can be downloaded from Apple's iTunes® Web site (www.itunes.com) quickly and easily. Users can share music with other users, create playlists, and take their music collections with them wherever they want on an iPod. The popularity of iTunes® is forecasted to continue to grow.

The following activity illustrates how spreadsheets can be used to create a bar graph to analyze the frequency of popular iTunes® downloaded.

Instructions:

1. **Open** the iTUNES spreadsheet from the webpage.

2. **Save** as Assignment #8.

NEW SKILL
3. Create a **Column Chart** as follows:
   a. **Select** cells A3 – B13
   b. Create a **Clustered Column** chart (choose "More column charts" then "Clustered").
   c. Move the **location** of the chart to a New Sheet. **Name** the sheet iTUNES CHART.
   d. Enter the **chart title** "MOST POPULAR iTUNES DOWNLOADED" above the chart. Use all caps.

NEW SKILL
   e. Enter the **Axis titles**:
      i. **Primary Horizontal Axis Title** – Enter the title "SONG, ARTIST" below the chart (x axis). Use all caps.
      ii. **Primary Vertical Axis Title** – Enter the title "FREQUENCY" as a Rotated Title (Y axis). Use all caps.
   f. Do NOT show the **legend**.
   g. Show NO **data labels**.

4. **Format** the style and colors of the chart as follows:
   a. Change the background fill color of the **Chart Area** to blue.
   b. Change the background fill color of the **Plot Area** to yellow.
   c. Change the colors of the **bars** to purple.
   d. Format the **chart title** (MOST POPULAR iTUNES) to 20 point.
   e. Format the **x and y axis titles** to 12 point font size (SONG, ARTIST; FREQUENCY).
   f. Change the **text alignment** of the songs along the horizontal axis to 270 degrees.

NEW SKILL
   g. Change the **major unit** of the frequency numbers to 2000.

5. Insert a **header** for the chart that shows:
   a. Left section: Your Name
   b. Center section: iTUNES
   c. Right section: Current Date

6. Insert a **footer** that shows:
   a. Center section: PAGE number

7. **Save** your spreadsheet. Keep the chart open and have your instructor grade from your screen unless otherwise instructed to print.