**Guided Learning Activity (GLA)**

**College of the Canyons**

**Simple Interest Word Problems**

**Welcome to the Simple Interest Guided Learning Activity at College of the Canyons. This is a computer assisted tutorial on Simple Interest word problems.**

**Student Learning Outcome: *The student will gain experience in how to set up and solve various kinds of simple interest problems.***

**Directions:**

**1. Log into the computer and click on the following link in order to  
 access the GLA material:** [**Simple Interest GLA**](http://oer.canyons.edu/canyons/items/8199835c-0190-84a8-880a-8f5c24734ad5/1/?tempwn.b=access%2Fitem.do%3F.group%3Dmyitems%26.filterName%3D38%26pg.e%3Dtrue%26pg_pp%3D10%26pg_pg%3D1%26sort_s%3DDATEMODIFIED%26she_canDisplay%3Dchecked)

**2. Click on the word “Simple Interest Powerpoint Tutorial” to  
 access the Powerpoint presentation. Read through slides #1-18.   
 Pay particular attention to the formula and how the example   
 problems are set up by using a table.**

**3. On a separate piece of paper. Work through the two practice   
 problems given in slide #20. Make sure to use a table to set   
 up the problems. Ask a tutor to help you if you get stuck.**

**4. Check your answers on slide #21. If you did not get all four   
 practice problems correct, go on to slides #22-25 and determine   
 where you went wrong. Next to each practice problem on your   
 scratch paper, write down in complete sentences what you did  
 wrong and what steps you can take so that you will not make the  
 same mistake again in the future.**

**5. Let’s see how much you have learned. Solve the following three   
 simple interest problems. Have a tutor check your work. The   
 answers are given below.**

**Quiz**

1. Michelle invested a total of $6000 into two different bonds. At the end of   
 one year, bond A yielded 3% simple interest and bond B yielded 4%   
 simple interest. If the total amount of simple interest at the end of the   
 year was $220, how much did she invest in each of the two bonds?

2. Luke and Kia invested money in two different banks. Luke’s bank   
 yielded 8% interest and Kia’s bank yielded 5% interest. If Kia invested   
 $2100 more in her bank than Luke did in his and they both yielded the   
 same amount of interest, then how much did Luke invest? How much did   
 Kia invest?

3. Tim invested $1800 in a CD that yielded a simple interest rate of 6%.   
 How much more should he invest in a bond that yields 2% simple interest   
 so that the total interest from both investments will equal 5% of the total   
 amount invested.?

Answers: 1) $2000 in Bond A & $4000 in Bond B

2) Luke invested $3500 & Kia invested $5600

3) Tim should invest $600 in the bond