

## GED 2002 Teachers' Handbook of Lesson Plans

Area/Skill - Science	Cognitive Skill Level - Synthesis	Correlation to Science Framework - 03.03	Lesson Number - 06
<p><b>Activity Title - Golden Stars?</b></p> <p><b>Goal/Objective</b></p> <p>To read and analyze scientific information in order to create and play a game.</p> <p><b>Lesson Outline</b></p> <p><b>Introduction</b></p> <p>Our universe is so vast and so far that it is very likely that we have been touched by parts of it and don't even realize it. Scientist are discovering new and exciting things about it all the time. One new scientific theory is that the gold found here on earth may have come from far out in space. If this is true, what vast new possibilities this opens up!</p> <p><b>Activity</b></p> <p>Read and discuss the handout. Divide the class into small groups of 2-4. Have the students analyze the article and come up with questions and four possible answers to each question. The questions will be used for playing the game "Who Wants to Pass the GED." This game will be played like the TV show "Who Wants to Be a Millionaire." Use the questions and play the game. You may wish to have "prizes" for the winner. This activity provides students with practice in critical reading skills and the development of appropriate questions on read materials.</p> <p><b>Debriefing/Evaluation Activity</b></p> <p>Students should become aware that in writing the questions for this game, they would be doing the same thing the writers of the GED Tests. They need to be mindful that all of the answers will reflect some possibilities but that only one can be correct. The ability to write good test questions and answers will assist students in better understanding how to answer those on the GED Tests.</p>			<p><b>Materials/Texts/Realia/Handouts</b></p> <ul style="list-style-type: none"> <li>• Handout - Gold May Have Been in the Stars</li> <li>• Paper, pencil, crayons, markers, colored pencils, scissors, chart paper, highlighters</li> <li>• Computer/Internet Connection/Printer</li> <li>• Prizes for the winners</li> </ul>
			<p><b>Extension Activity</b></p> <p>The new theory of gold in the stars is an interesting one. Students will research on the Internet articles that support or deny this theory. Write any information into question form with four answers to add to the game.</p>
<p><b>Real-Life Connection</b></p> <p>How many of you have gold or silver jewelry? Have you ever thought about where the raw materials came from to create those beautiful pieces? How did it get here on Earth? Was it always here or from outer space? Have students share what they know about the origin of precious metals.</p>			<p><b>ESE/ESOL Accommodations</b></p> <ul style="list-style-type: none"> <li>• Provide an audio version of the material and the article.</li> <li>• Highlight important concepts in the materials.</li> <li>• Give the student a worksheet or study guide to follow when he/she is doing independent reading.</li> <li>• Provide a graphic outline for students to develop game questions and answers.</li> </ul>

## GED 2002 Teachers' Handbook of Lesson Plans - Script

Area/Skill - Science	Cognitive Skill Level –Synthesis	Correlation to Science Framework - 03.03	Lesson Number - 06
<p><b>Activity Title - Golden Stars?</b></p> <p><b>Introduction</b></p> <p><i>Ask:</i> How many of you have watched the game show “Who Wants to be a Millionaire?” Discuss. What have you noticed about how the show asks questions and gives the answers? Discussion should include that there is one question asked of the person and four possible answers.</p> <p><b>Main Activity</b></p> <p><i>Say:</i> We are going to read a handout that presents an interesting new scientific theory. Give students time to read and then discuss. After discussion, divide the class into groups of 2. <i>Say:</i> Now we will analyze the article again and this time you will need to create 3 or 4 questions based on what you have read. Each question must have 4 possible answers to it just like the Millionaire game. When all groups have come up with their questions, we will play the game. Give time for students to come up with questions and play the game.</p> <p><b>Closure/Conclusion</b></p> <p><i>Ask:</i> How will this assignment help you when you have to take the GED Tests? Sample answers may be that there will be multiple-choice questions on the test, science information will be tested, there will be some answers that are partially correct, etc.</p> <p><b>Follow-Up Lessons/Activities</b></p> <p>Have students conduct a survey of 20 people outside of the classroom to see who has heard of the new theory. After that question is answered, the student will ask the same 20 people if they believe the theory of gold and silver coming from outer space. Bring in the results of the survey and discuss. Students may wish to graph the information and have other students analyze the data.</p>			