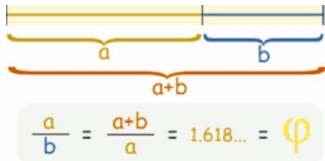
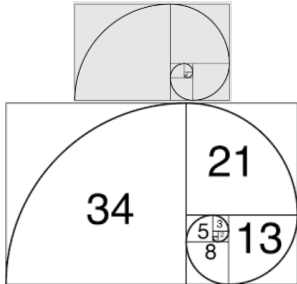



ESOL Choice Board for Grades 6-8

Monday	Tuesday	Wednesday	Thursday	Friday
<p>A ratio is a number that compares values. A golden ratio is a special ratio. In the golden ratio, a whole is broken into two unequal parts where the whole number divided by the larger part equals the larger part divided by the smaller part.</p> <p>This ratio is commonly found in nature, and when used in design, it fosters organic and natural looking products that are beautiful to look at.</p> <p><a href="#">Click here</a> to watch a video that will tell you more about the Golden Ratio</p> 	<p><a href="#">Click here</a> to learn more about the Golden ratio (also called the “Golden section” or “golden mean”)</p> <p>Can you draw a rectangle using the Golden Ratio? <a href="#">Click here</a> to follow along with a how-to video (you may want to grab some graph paper for a super-accurate drawing). Can you go one step farther and draw a Fibonacci spiral?</p> 	<p><a href="#">Click here</a> to read an article about the Golden Ratio.</p> <p>Can you identify 2 facts in this article? Remember, facts are statements that can be proven. Write them here, and explain how you could prove the facts you have identified:</p> <p>1) _____ How I could prove this: _____</p> <p>2) _____ How I could prove this: _____</p> <p><i>Bonus: Can you answer questions #1-4 at the end of the article? <a href="#">Click here for the answers to the questions!</a></i></p> 	<p>English has many multiple-meaning words (also called homographs) that are written the same way but mean more than one thing. We have to use context clues to determine the meanings of these words when read or listen.</p> <p><a href="#">Click here</a> for a list of English homographs</p> <p>Grab a friend and <a href="#">click here</a> to play homograph Jeopardy!</p>	<p>After you read Wednesday’s article, can you use the word bank to fill in the blanks on this paragraph that explains the relationship between math and nature in the text?</p> <p>_____ originally noticed the pattern that would later be known as the golden ratio in nature, converting this natural occurrence into a _____ and eventually a number _____. In other words, while the golden ratio was originally observed in nature, it was possible to represent it _____. This allowed humans to replicate the pattern and use it. Overall, the article explores the close connection that nature and math have through the _____.</p> <p><b>Word Bank:</b> golden ratio    Fibonacci    sequence mathematically    formula</p> <p><a href="#">Click here</a> for the answers!</p> <p><b>Bonus: Can you share one fact you learned about the Golden Ratio with your math teacher?</b></p> 