

Ancient Greek Achievements and Contributions



Name: _____

Period: _____

Instructions:

During the next two days you will be learning more about different achievements made by the ancient Greeks and how these achievements affect our lives today. As you move from station to station, you will read about the different contributions and you will complete a series of tasks to help you better understand these major achievements. If you do not finish in class, please access the documents from home via my website. This assignment will help you with an upcoming writing assignment.

Academic Field	Major Achievements	Station Findings	Modern Application
<p style="text-align: center;">Station A: Architecture</p>	<p>1. What are some examples of structures built by the ancient Greeks?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>2. What were some of the building materials that they used?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>3. What are the three styles of columns created by the Greeks?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Record your answers to the station activity below.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Based on the picture and caption, how have the ancient Greeks inspired modern architecture?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p style="text-align: center;">Station B: Geography</p>	<p>1. Which ancient Greek made many contributions to the field of geography?</p> <p>_____</p> <p>_____</p> <p>2. Name his two achievements.</p> <p>(1) _____</p> <p>_____</p> <p>_____</p> <p>(2) _____</p> <p>_____</p> <p>_____</p>	<p>Record your answers to the station activity below.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Based on the picture and caption, how have the ancient Greeks inspired modern geography?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

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<p>Station C: Medicine</p>	<p>1. Which ancient Greek contributed to the field of medicine?</p> <p>_____</p> <p>2. What did this person teach his students to do in order to treat an illness?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>3. What is the name of the pledge that doctors take?</p> <p>_____</p> <p>_____</p>	<p>Record your answers to the station activity below.</p>	<p>Based on the picture and caption, how have the ancient Greeks inspired modern medicine?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Station D: Astronomy</p>	<p>1. What is astronomy?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>2. Name some of the discoveries listed in the first paragraph.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>1. What was Aristarchus's theory about our solar system?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>2. Many ancient Greeks did not agree with Aristarchus's theory. Make an inference regarding why people did not believe in his theory.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Based on the picture and caption, how have the ancient Greeks inspired modern astronomy?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

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<p style="text-align: center;">Station E: Zoology</p>	<p>1. Which ancient Greeks made contributions to the field of zoology?</p> <p>_____</p> <p>_____</p> <p>2. According to Anaximander all living things came from the</p> <p>_____</p> <p>3. What did Aristotle develop?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Record your answers to the station activity below.</p> <p>(1) _____</p> <p>(2) _____</p> <p>(3) _____</p> <p>(4) _____</p>	<p>Based on the picture and caption, how have the ancient Greeks inspired modern zoology?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p style="text-align: center;">Station F: Engineering</p>	<p>1. Which ancient Greek made many contributions to the field of engineering?</p> <p>_____</p> <p>2. Archimedes is remembered most for his explanation of the</p> <p>_____</p> <p>In the space below copy the diagram of a lever</p>	<p>Record your answers to the station activity below.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Based on the picture and caption, how have the ancient Greeks inspired modern engineering?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>

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Station G: Mathematics	<p>1. Which ancient Greeks made contributions to the field of mathematics?</p> <hr/> <hr/> <p>2. What was <i>Euclid's Elements</i> about?</p> <hr/> <hr/> <p>3. What is the formula for the Pythagorean theorem?</p> <hr/>	Record your answers to the station activity below.	<p>Based on the picture and caption, how have the ancient Greeks inspired modern mathematics?</p> <hr/> <hr/> <hr/> <hr/> <hr/>
Station H: Physics	<p>1. What was Democritus's theory about matter?</p> <hr/> <hr/> <hr/> <p>Draw a model of an atom. Label where the protons, electrons and neutrons go.</p>	Record your answers to the station activity below.	<p>Based on the picture and caption, how have the ancient Greeks inspired modern physics?</p> <hr/> <hr/> <hr/> <hr/> <hr/>

