

Name: \_\_\_\_\_  
Geometry

Date: \_\_\_\_\_  
Band: \_\_\_\_\_

## Unit 2: Reasoning and Proof

<b>Big Ideas</b>	<b>Learning Targets</b>	<b>Assessments</b>
<b>Reasoning and Proof</b> You can observe patterns to make a conjecture; you can prove a conjecture is true by using given information, definitions, properties, postulates, and theorems	<ol style="list-style-type: none"><li>1. Use inductive reasoning to make conjectures.</li><li>2. Recognize conditionals statements and their parts</li><li>3. Write converses, inverses, and contrapositives of conditionals.</li><li>4. Write biconditionals and recognize good definitions.</li><li>5. Use the Law of Detachment and the Law of Syllogism.</li><li>6. Connect reasoning in algebra and geometry.</li><li>7. Prove and apply theorems about angles.</li></ol>	Homework Performance Task Unit Quiz (LT#1-4) Unit Test