



**Interact Elementary Library**  
**Grades: 5, 6**  
**States: Common Core State Standards**

Interact Elementary Library: ATHENIAN SECRET: A Simulation of a Greek Treasure Hunt Requiring Fundamental Arithmetic Operation, Logic, and Problem Solving  
 Summary: Student teams travel through buildings of ancient Athens to solve arithmetic puzzles and problems while gathering clues to a secret formula. (9781573360043-int931)

**Common Core State Standards**

**Language Arts**

**Grade: 5 - Adopted 2010**

<b>STRAND / DOMAIN</b>	<b>CCSS.ELA-Literacy.RI.5</b>	Reading Standards for Informational Text
<b>CATEGORY / CLUSTER</b>		Integration of Knowledge and Ideas
<b>STANDARD</b>	<b>CCSS.ELA-Literacy.RI.5.7</b>	Draw on information from multiple print or digital sources, demonstrating the ability to locate an answer to a question quickly or to solve a problem efficiently.
<b>STRAND / DOMAIN</b>	<b>CCSS.ELA-Literacy.W.5</b>	Writing Standards
<b>CATEGORY / CLUSTER</b>		Research to Build and Present Knowledge
<b>STANDARD</b>	<b>CCSS.ELA-Literacy.W.5.7</b>	Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.
<b>STANDARD</b>	<b>CCSS.ELA-Literacy.W.5.8</b>	Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources.
<b>STRAND / DOMAIN</b>	<b>CCSS.ELA-Literacy.SL.5</b>	Speaking and Listening Standards
<b>CATEGORY / CLUSTER</b>		Comprehension and Collaboration
<b>STANDARD</b>	<b>CCSS.ELA-Literacy.SL.5.1</b>	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.
<b>EXPECTATION</b>	<b>CCSS.ELA-Literacy.SL.5.1a</b>	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.
<b>EXPECTATION</b>	<b>CCSS.ELA-Literacy.SL.5.1b</b>	Follow agreed-upon rules for discussions and carry out assigned roles.
<b>EXPECTATION</b>	<b>CCSS.ELA-Literacy.SL.5.1c</b>	Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.

**Grade: 6 - Adopted 2010**

<b>STRAND / DOMAIN</b>	<b>CCSS.ELA-Literacy.W.6</b>	Writing Standards
<b>CATEGORY / CLUSTER</b>		Research to Build and Present Knowledge

STANDARD	CCSS.ELA-Literacy.W.6.7	Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.
STANDARD	CCSS.ELA-Literacy.W.6.8	Gather relevant information from multiple print and digital sources; assess the credibility of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and providing basic bibliographic information for sources.
STRAND / DOMAIN	CCSS.ELA-Literacy.SL.6	Speaking and Listening Standards
CATEGORY / CLUSTER		Comprehension and Collaboration
STANDARD	CCSS.ELA-Literacy.SL.6.1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 topics, texts, and issues, building on others' ideas and expressing their own clearly.
EXPECTATION	CCSS.ELA-Literacy.SL.6.1a	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
EXPECTATION	CCSS.ELA-Literacy.SL.6.1b	Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.
EXPECTATION	CCSS.ELA-Literacy.SL.6.1c	Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.
STRAND / DOMAIN	CCSS.ELA-Literacy.SL.6	Speaking and Listening Standards
CATEGORY / CLUSTER		Presentation of Knowledge and Ideas
STANDARD	CCSS.ELA-Literacy.SL.6.6	Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.

### Mathematics

#### Grade: 5 - Adopted 2010

STRAND / DOMAIN	CCSS.Math.Practice	Mathematical Practices
CATEGORY / CLUSTER	CCSS.Math.Practice.MP1	Make sense of problems and persevere in solving them.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP2	Reason abstractly and quantitatively.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP3	Construct viable arguments and critique the reasoning of others.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP5	Use appropriate tools strategically.
CATEGORY / CLUSTER	CCSS.Math.Practice.MP6	Attend to precision.
STRAND / DOMAIN	CCSS.Math.Content.5.MD	Measurement and Data
CATEGORY / CLUSTER	CCSS.Math.Content.5.MD.C	Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.
STANDARD	CCSS.Math.Content.5.MD.C.3	Recognize volume as an attribute of solid figures and understand concepts of volume measurement.
EXPECTATION	CCSS.Math.Content.5.MD.C.3a	A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume.
EXPECTATION	CCSS.Math.Content.5.MD.C.3b	A solid figure which can be packed without gaps or overlaps using $n$ unit cubes is said to have a volume of $n$ cubic units.
STRAND / DOMAIN	CCSS.Math.Content.5.MD	Measurement and Data
CATEGORY / CLUSTER	CCSS.Math.Content.5.MD.C	Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.
STANDARD	CCSS.Math.Content.5.MD.C.4	Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.

## Grade: 6 - Adopted 2010

<b>STRAND / DOMAIN</b>	<b>CCSS.Math.Practice</b>	Mathematical Practices
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP1</b>	Make sense of problems and persevere in solving them.
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP2</b>	Reason abstractly and quantitatively.
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP3</b>	Construct viable arguments and critique the reasoning of others.
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP5</b>	Use appropriate tools strategically.
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Practice.MP6</b>	Attend to precision.
<b>STRAND / DOMAIN</b>	<b>CCSS.Math.Content.6.G</b>	Geometry
<b>CATEGORY / CLUSTER</b>	<b>CCSS.Math.Content.6.G.A</b>	Solve real-world and mathematical problems involving area, surface area, and volume.
<b>STANDARD</b>	<b>CCSS.Math.Content.6.G.A.4</b>	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.