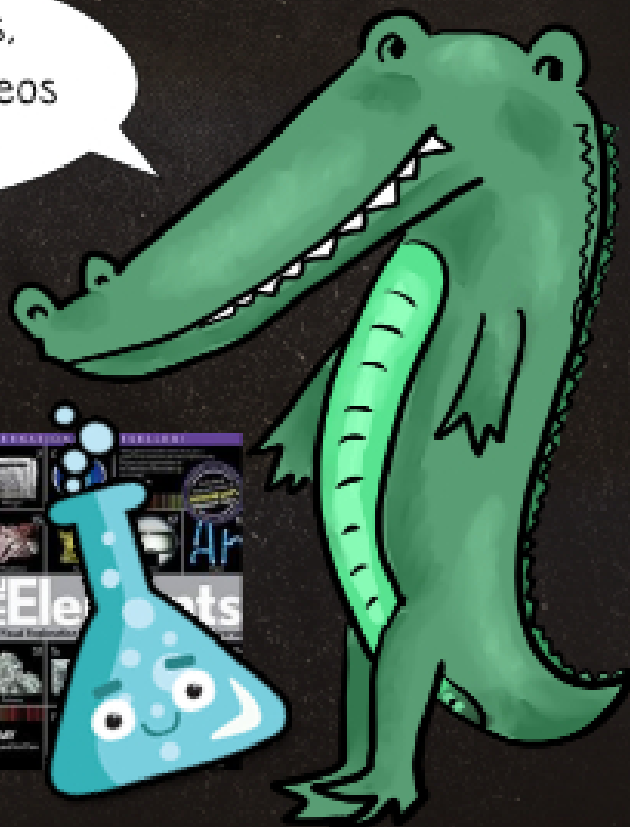
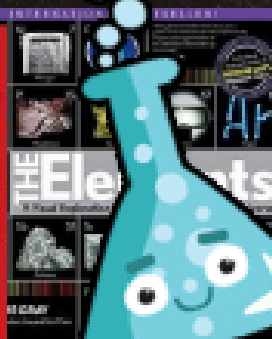
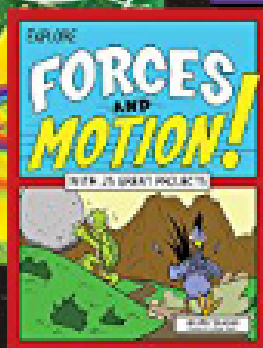
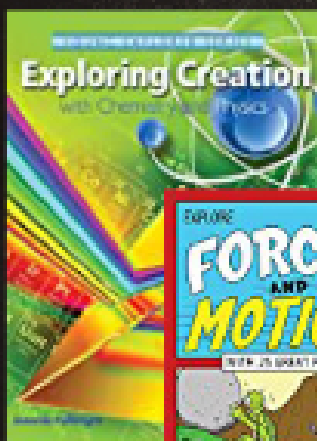


Guest Hollow's
ACTIONS AND REACTIONS

A Grade School Introduction to
Chemistry & Physics

Grades 1-6

Tons of great books,
amazing activities, videos
printables, & more!



Week 1					
	Day 1	Day 2	Day 3	Day 4	Day 5
<u>Exploring Creation with Chemistry and Physics</u> Lesson 1: Chemistry and Physics Matter					
Read	p. 15-17 • Intro • In the Beginning • Forming the World • Everything Matters	p. 18-20 • Matter Matters • Turn Up the Volume • Mass Matters	p. 20-21 • Density Matters		
Activities	p. 17 Try This: I Spy	p. 19 Try This: measuring volume Narrate what matter, volume, and mass are.	p. 20 Try This: eggs	p. 22 Try This: food coloring & salt	p. 23 Try This: sink or float
Science Reading					
<u>Archimedes and the Door of Science</u> This book should be done as a read aloud for grades 3 and up. Younger children may not understand some of it. Advanced children can read it themselves.	Chapters 1-2 Put a picture of the book cover in your timeline, if you have one. Archimedes 287 BC-212 BC	Chapters 3-4	Chapter 5	Chapter 6	Chapter 7
	Put a picture of the book cover in your timeline if you have one. Write underneath it: Archimedes 287 BC- 212 BC. <u>Look up Syracuse, Italy</u> , where Archimedes was born, on Google Maps. Make sure to turn on satellite view (lower left corner box). Zoom out. What else is nearby? Zoom all the way out until you can see what part of Italy Syracuse is in.				
<u>Splat!: Wile E. Coyote Experiments with States of Matter</u>	Read today. For older kids: <u>The Solid Truth about the States of Matter</u> comic				
Literature					
<u>What Floats in a Moat?</u>		Read today. <u>Click here for a YouTube reading of this book.</u>			

Notebooking and Printables					
	<u>An assortment of Archimedes notebooking pages</u> <u>Archimedes cursive copywork</u>				
Crafts & Activities					
			Highlights Magazine: <u>alternate egg experiment</u>		
Extras					
Video		<u>The story of Cao Chong</u> and how he found out an elephants weight using the principle of buoyancy.	<u>The Spangler Effect: Density Science - 9 layer density tower</u>	<u>Absolute Genius: Archimedes</u> (National Geographic Kids)	<u>Magic School Bus Ups and Downs</u>
Online					<u>Float or sink soda experiment</u>