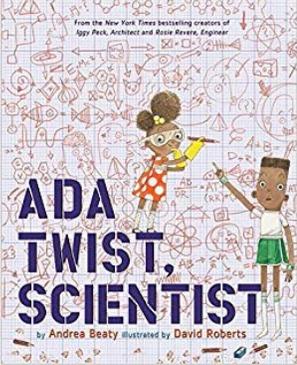
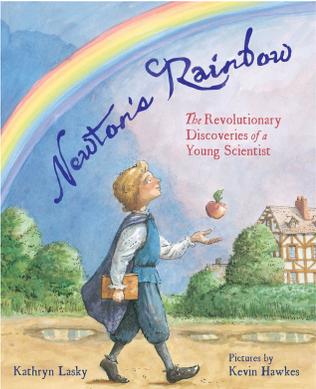
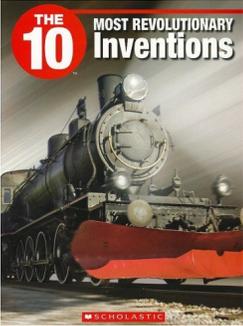
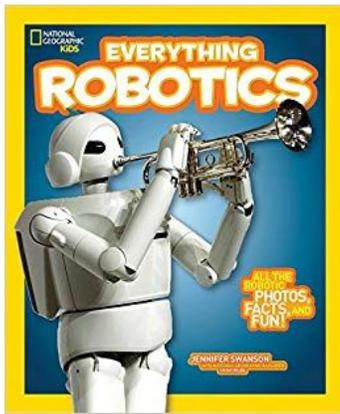


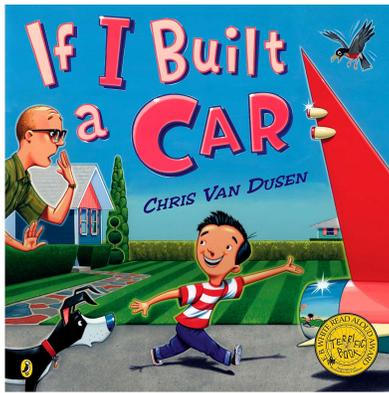
Upper Elementary ADST: Design Thinking

Book (Alphabetical by Author)	Summary
<p>“Ada Twist, Scientist” Beaty, Andrea</p> 	<p>Ada Twist’s head is full of questions. Like her classmates Iggy and Rosie, Ada has always been endlessly curious. But when her fact-finding missions and elaborate scientific experiments go too far, her frazzled parents banish her to the Thinking Chair. Will all that thinking change Ada’s mind?</p>
<p>“Newton’s Rainbow” Lasky, Kathryn</p> 	<p>Famed for his supposed encounter with a falling apple that inspired his theory of gravity, Isaac Newton (1642-1727) great form a quiet and curious boy into one of the most influential scientists of all time. As depicted in this colorful biography, young Isaac was always reading, questioning, observing, and inventing. He eventually made his way to Cambridge University, where he studied the work of earlier scientists and began building on their accomplishments. When a bubonic plague outbreak interrupted his formal schooling in 1665, he made discoveries that illuminated the mysteries of gravity, motion, and even rainbows -- giving mankind a new understanding of the natural world that changed science forever.</p>
<p>“The 10 Most Revolutionary Inventions” Cutting, Robert</p> 	<p>This book presents the 10 Most Revolutionary Inventions, including Bow & Arrow, The Television, Lenses, Pasteurization, The Steam Engine, The Printing Press, The Alphabet, The Personal Computer, Electricity, and The Wheel</p>
<p>“Everything Robotics” Swanson, Jennifer (with National Geographic explorer Shah Selbe)</p>	<p>What do robots look like? Some look like massive mechanical arms, and some like tiny flying bees. Many are designed to look like humans. We tend to feel more comfortable with designs that look like us. From businesses to police, and from</p>



our homes to outer space, robotic technology is created to serve humans and keep us safe, healthy and informed about the world. So get ready to enter the world of cool and complex machinery and learn EVERYTHING about robotics!

"If I Built a Car"
Van Dusen, Chris



Jack has designed the ultimate fantasy car. Inspired by zeppelins and trains, Cadillacs and old planes, with brilliant colors and lots of shiny chrome, this far-out vision is ready to cruise! There's a fireplace, a pool, and even a snack bar! After a tour of the ritzy interior, Robert the Robot starts up the motor...and Jack and his dad set off on the wildest test-drive ever!