## Recommended Reading for "Elevator"
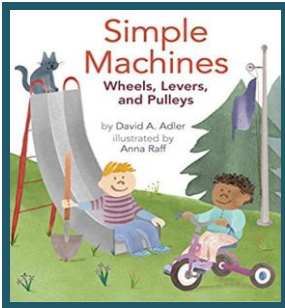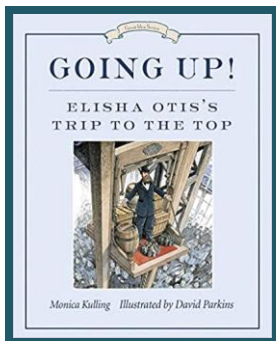
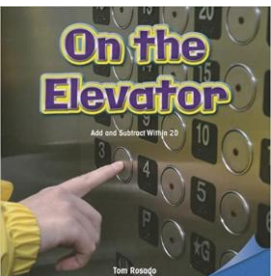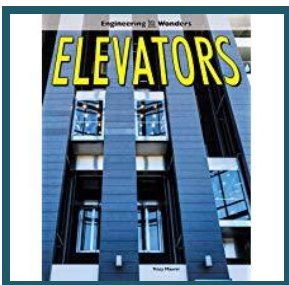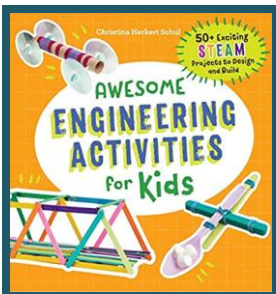| | |
|---|---|
|  | **Simple Machines: Wheels, Levers, and Pulleys by David A. Adler**<br><br>**Grade Level: PreK - 3.** Machines make work easier! This accessible picture book outlines different types of simple machines—wedges, wheels, levers, pulleys, and more—and gives common examples of how we use them every day. Anna Raff's bright illustrations show how simple machines work—and add a dose of fun and humor, too. |
|  | **Going Up!: Elisha Otis's Trip to the Top** by Monica Kulling<br><br>**Grade Level: K -3.** This biography of Eilsa Otis begins in 1818 with Otis's fascination with farm machinery. After building several work-saving devices, he invented a "people-hoisting machine." In 1857, Elisha Otis installed his first successful passenger elevator in a five-storey department store in New York City. Before Elisha's invention, buildings were never higher than six stories. At last it was possible to build skyscrapers! A remarkable true story of ingenuity. |
|  | **On the Elevator: Add and Subtract Within 20  by Tom Tosado**<br><br>**Grades 1-2**.  Readers will delight in learning the principles of algebra in an engaging way!Topics such as adding and subtracting within 20, using algebraic principles to solve equations and word problems, and understanding the relationship between addition and subtraction will give beginning math students a firm grasp on basic math concepts. |
|  | **Elevators: Engineering Wonders by Tracy Maurer**<br><br>**Grade Level: 3-5.** We would not have skyscrapers without the modern elevator! This nonfiction book reveals some of the most amazing elevators in the world. It also addresses the obstacles of construction, the impact on society, and the science of engineering such superstructures. Learn all about elevators and how they work! |
|  | **Awesome Engineering Activities for Kids: STEAM Projects to Design & Build by Christina Schul**<br><br>**Grade 3 - 4.** Make engineering for kids easy and fun with projects that use common, inexpensive household materials. From toothpick towers and marble runs to egg drops and water rockets, the activities in this book about engineering for kids will challenge and delight. Includes a guide to the different types of engineers, an explanation of what they do, and what kids need to know to become one. |