



MCPL Summer Reading Program 2020

Week Four: July 06 – July 11

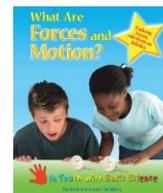
STEAM / Maker Booklist: Forces and Motion

Books available at Michigan City Public Library:

[What Are Forces and Motion?: Exploring Science with Hands-on Activities](#)

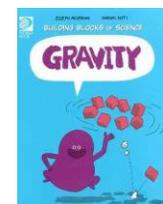
by Richard Spilsbury. (J-Nonfiction, 531.6078 SP45W)

“This book discusses Newton’s three laws of motion; simple machines such as the ramp, pulley, and lever; kinetic and potential energy; and how some types of bridges are built using force. Hands-on activities are featured throughout the book to help readers understand the topics discussed.”



[Building Blocks of Science: Gravity](#) by Joseph Midthun. (J-Nonfiction, 531.14 M584G)

“The combination of comics-style panels and pithy explanations of scientific concepts makes the *Building Blocks of Science* series a fun, efficient, and approachable classroom supplement. In *Gravity*, a purple blob explains why we don’t fall off the planet, how the solar system was formed, how the moon affects tides, and in the most dramatic section, how a black hole comes into being when a star runs out of gas” (Booklist Online, 2012).



[Science Experiments with Gravity and Motion](#)

by Alex Kuskowski. (J-Nonfiction, 531.078 K968S)

“This book features easy and fun Science Experiments with Gravity & Motion using household items. Young readers can assemble experiments at home from an Unbelievable Balancing Act to Very Peculiar Pendulums. Each activity includes easy instructions with how-to photos, and short science explanations.”

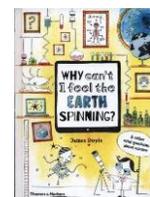


[Why Can't I Feel the Earth Spinning? \(And Other Vital Questions about Science\)](#)

by James Doyle. (J-Nonfiction, 502 D775W)

“*Why don't aeroplanes fall down? Where do mountains come from? Why is the sea blue?*

This book invites young people to discover more about the world around them by asking and answering questions for themselves. The tone of the text is fresh and informal without being flippant.”



[“Space Exploration” \(pp. 41-72\) in Smithsonian Readers: Endless Explorations \(Level 4\)](#)

by Brenda Scott Royce. (J-Nonfiction, 500 SM69 V.4)

“*Endless Explorations* provides fascinating facts and challenging content that promotes reading success and enjoyment. contains six 32-page topics for children on their way to becoming expert readers: Predators, Space Exploration, Natural Disasters, World Wonders, Ocean Habitats, and Flight.”



[Science: A Visual Encyclopedia](#) by Chris Woodford. (J-Nonfiction, 503 W855S)

“Explaining the principles of science in a lively and exciting way, the scope of subjects covered is immense – from atoms to acids, hydrogen to heat, single-celled organisms to sound and everything in between.”

