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## Explore Forces and Motion!: With 25 Great Projects (Paperback)

By Jennifer Swanson

Nomad Press, United States, 2016. Paperback. Condition: New. Bryan Stone (illustrator). Language: English . Brand New Book. Everything moves! Kids run around the playground, cars drive on the road, and balls fly through the air. What causes all this motion? Physics! Forces and motion rule the way everything moves through space. In Explore Forces and Motion! With 25 Great Projects, readers ages 7 through 10 discover that the push and pull of every object on the planet and in space depends on how a force acts upon it. Things float because of a force called buoyancy, we stick to the ground because of a force called gravity, and we make footprints in sand because of a force called pressure. Physics becomes accessible and interactive through activities such as a experimenting with a water cup drop, building a bridge, and spotting magnetic field lines. Simple machines such as levers, pulleys, and wedges are used as vehicles for discovery and comprehension of the foundational concepts of physical science. Using a theme familiar to everyone--motion--this book captures the imagination and encourages young readers to push, pull, twist, turn, and spin their way to learning about forces and motion.



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### Reviews

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