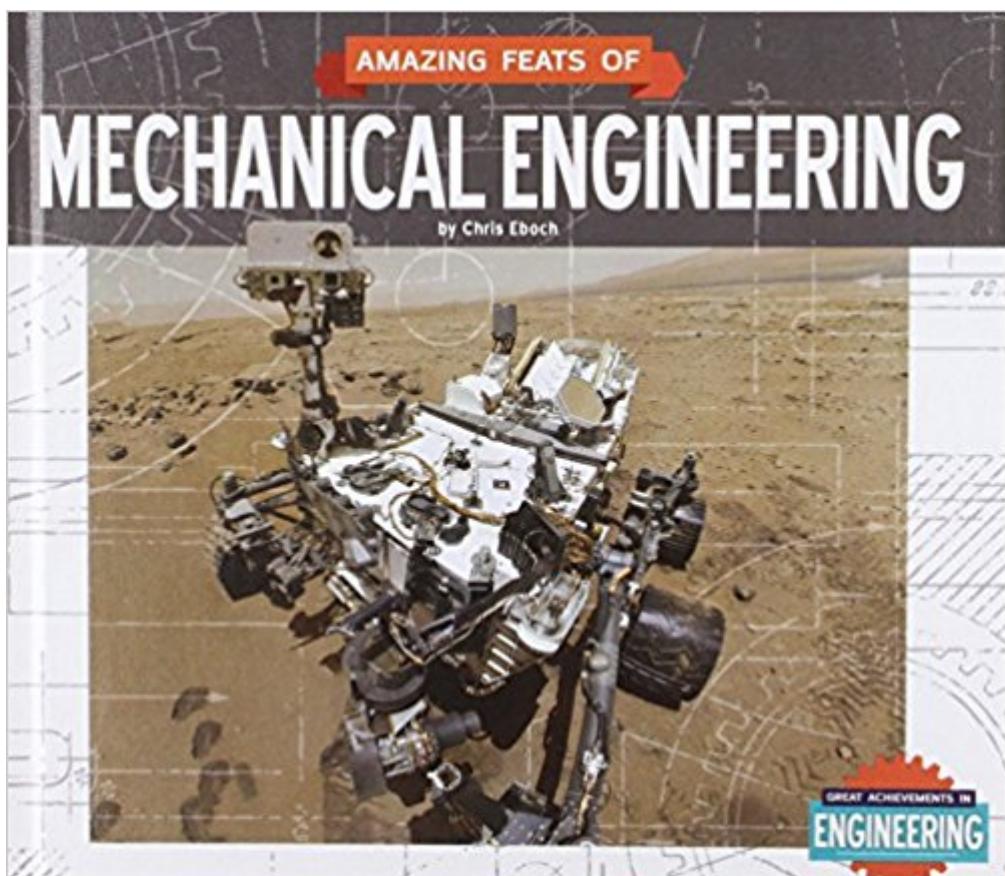


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# Amazing Feats Of Mechanical Engineering (Great Achievements In Engineering)



## Synopsis

Engineers design our modern world. They combine science and technology to create incredible vehicles, structures, and objects. This title examines amazing feats of mechanical engineering. Engaging text explores Mars rovers, robotic surgery systems, and advanced wind turbines. It also examines the engineers who made these projects a reality and traces the history of the discipline. Relevant sidebars, stunning photos, and a glossary aid readers' understanding of the topic. A hands-on project and career-planning chart give readers a sense of what it takes to become an engineer. Additional features include a table of contents, a selected bibliography, source notes, and an index, plus essential facts about each featured feat of engineering. Aligned to Common Core standards and correlated to state standards. Essential Library is an imprint of Abdo Publishing, a division of ABDO.

## Book Information

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Gr 6 Up-Extremely tall buildings, bionic legs, and vehicles bound for Mars are among the copious examples of recent and long ago engineering accomplishments described in these substantial accounts that encourage readers to possible careers and various individuals working in these fields. Through nine chapters, each title combines history, project development, the problem-solving work of engineers, and likely future developments in the particular specialty. The numerous concluding tools include hands-on exercises with questions prompting observation and continued thought, which are mostly appropriate for middle school students (though the electrical engineering project is college level). The writing is informative and usually interesting, though a bit challenging; the books

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