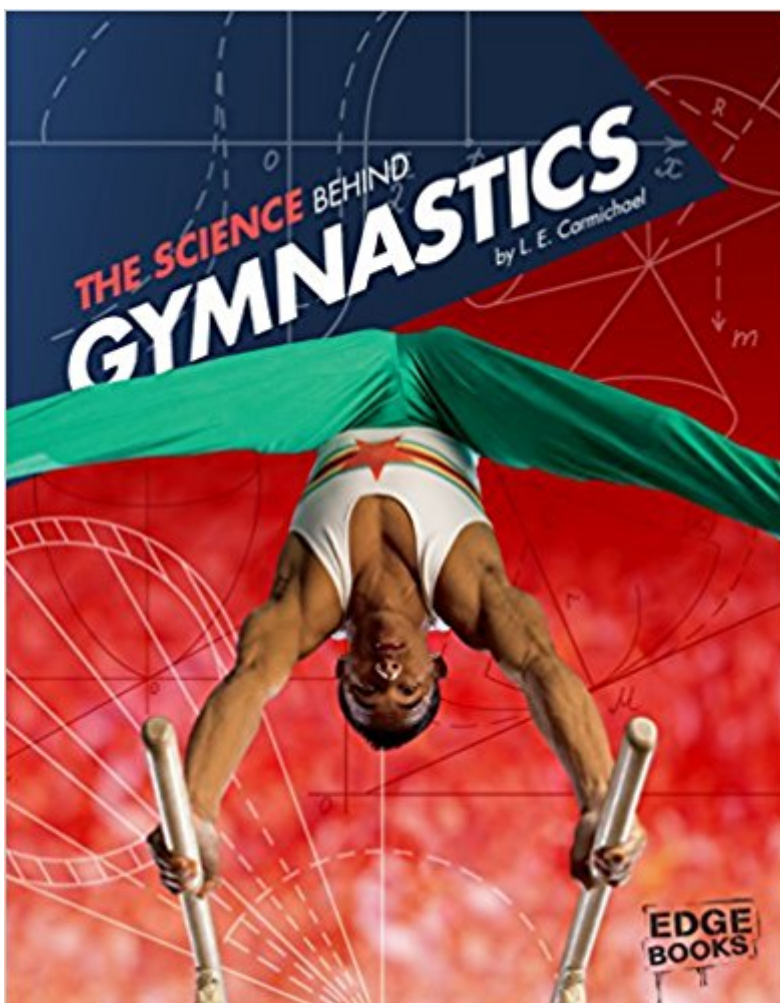


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The Science Behind Gymnastics (Science Of The Summer Olympics)



Synopsis

Behind every jump, spin, and flip of Olympic gymnastics, science is at work. Centrifugal force is at work in a midair spin, and center of gravity is involved in balance beam routines. Newton's Third Law of Motion springs into action as a gymnast flies into the air in the vaulting event. Find out how science is involved in all your favorite gymnastics events and how gymnasts take science into account as they chase the gold medal.

Book Information

Lexile Measure: 850L (What's this?)

Series: Science of the Summer Olympics

Paperback: 32 pages

Publisher: Capstone Press (January 1, 2016)

Language: English

ISBN-10: 1491481633

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Product Dimensions: 6.6 x 0.1 x 8.8 inches

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Age Range: 8 - 14 years

Grade Level: 3 - 4

Customer Reviews

L. E. Carmichael completed her Ph.D. thesis on the genetics of wolves and arctic foxes in 2006. Since then, she has published 15 science books for kids and teens on topics ranging from animal migration to civil engineering. Her book *The Scientific Method in the Real World* is a Junior Library Guild Selection, and *Fox Talk: How Some Very Special Animals Helped Scientists Understand Communication* won a silver medal in the 2014 Benjamin Franklin Awards. Carmichael lives near Halifax, Nova Scotia.

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