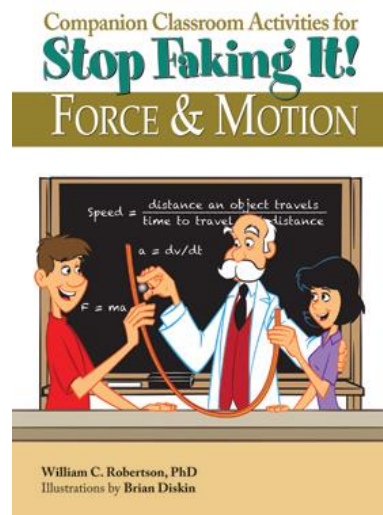


# Companion Classroom Activities for Force and Motion: Stop Faking It!

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**Date Available:** 20 February 2017  
**ISBN:** 9781760017040  
**Code/SKU:** NST7040  
**RRP:** \$39.95  
**Format/Page No.:** A4, 222 pages  
**Year Level:** Years 4 – 8, Teachers and Administrators  
**Focus Area:** Activities and Exercises.  
**Key Learning Area:** Science



## Summary

Never has it been so easy for educators to learn to teach physical science with confidence! Award-winning author Bill Robertson launched his bestselling *Stop Faking It!* Series in 2002 with *Force and Motion*, offering elementary and middle school teachers a jargon-free way to learn the background for key physical science concepts. Combining easy-to-understand, if irreverent, explanations and quirky diagrams, *Stop Faking It! Force and Motion* helped thousands of teachers, parents and homeschoolers conquer topics from Newton's laws to the physics of space travel.

Now the *Companion Classroom Activities for Stop Faking It! Force and Motion* is an ideal supplement to Robertson's earlier book, or a valuable resource of its own! The lessons and easy-to-understand explanations can be used as introductions or refreshers to basic physical concepts. The hands-on activities cater to busy teachers, providing objectives, materials lists, approximate completion time and detailed step-by-step instructions.

Each lesson allows students to investigate, discuss and finally apply new concepts to everyday situations. Robertson's wit and humour are sure to keep students and teachers entertained while they tackle motion basics, vectors, acceleration, Newton's laws, net or unbalanced forces, gravitational forces, and mass and weight. Also included are student pages for recording observations and student evaluation questionnaires to help assess understanding.

## Other Resources

- Force and Motion: Stop Faking It! Finally Understanding Science So You Can Teach It (NST7446)
- Light: Stop Faking It! Finally Understanding Science So You Can Teach It (NST9891)
- Hands on Science Series: Simple Machines, Years 7-10 (WAL8587)
- Brain Powered Science: Inquiry Learning with Unexpected Results (NST0805)