Dr. Skateboard's Action Science

William H. Robertson, Ph.D. – Dr. Skateboard
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dr. skateboard
Practice
Creativity
Discipline
tenacity
Persistence
Goals
Dr. Skateboard’s Action Science is a four part video series and an accompanying curriculum guide of twenty classroom activities that focus on concepts in physical science that integrate action sports, including skateboarding and Bicycle Motocross (BMX). Dr. Bill Robertson acts as both the narrator and a performer in the series, which also includes top extreme athletes in BMX and skateboarding. Dr. Skateboard’s Action Science explores concepts suitable for middle grade (6-8) students in a curriculum that is designed to address both the objectives and enduring knowledge of physical science in content and process skills for both the National Science Standards and Texas Essential Knowledge and Skills (TEKS). The video instruction focuses on the physical science concepts found in the areas of motion, forces, Newton’s Laws of Motion, and simple machines.

Episode One - Forces
Episode Two - Motion
Episode Three - Newton’s Laws
Episode Four - Simple Machines

Featured Rider and Host:
Bill Robertson, Ph.D. - Dr. Skateboard

Pro Impact Stunt Team:
Omar Estrada - BMX Ramps
Jeff Ferris - Skateboarder
Billy Gawrych - BMX Flatland
Brian Sarembsi - Skateboarder
Bill Robertson - Skateboarder
Morgan Wade - BMX Ramps

El Paso Independent School District (EPISD):
Tim Holt - Director of Instructional Technology
Ashton Graham - Video Director and Filmographer
Stephen Putnicki - Video Director and Filmographer
Mary Beth Harper - MS Science Facilitator

Written by:
Bill Robertson, Ph.D. & Mary Beth Harper

Dr. Skateboard
Bill Robertson Ph.D. www.drskateboard.com

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Equation: F = m*a

V = d/t

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ACTION
Science
Relevant Teaching and Active Learning

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