

NEW SCIENCE OF HOCKEY ASSEMBLY SHOW
MAKING STEM IN SPORTS ACCESSIBLE

PLUS, NEW WAYS TO ENGAGE STUDENTS WITH SCIENCE ON THE ROAD ONLINE



(left) Science on the Road presenter James Falba demonstrates the effect of friction between a hockey puck and the ice; (right) Penguins mascot Iceburgh demonstrates Bernoulli's principle of lift

PITTSBURGH, Jan. 25, 2020 — The latest science assembly from Carnegie Science Center's Science on the Road outreach program explores the physics, geometry, physiology, and materials science behind a game of hockey. Science of Hockey invites students to help take a ragtag team of hockey players all the way to the Stanley Cup by learning about reaction time, cryogenic chemistry, forces of motion, and more through dynamic science and math demonstrations.

Produced in partnership with PPG and Pittsburgh Penguins Foundation, Science of Hockey includes several live demonstrations led by a Science on the Road educator, with assistance from prerecorded

videos of Iceburgh, the official mascot of the Pittsburgh Penguins, demonstrating Newton's laws of motion, Bernoulli's principle of lift, and more. In addition, slow-motion videos of Penguins Director of Youth Hockey Shannon Webster performing the four main types of shots — slap, snap, wristshot, and backhand — illustrate the physics at play that result in a good pass, reception, or goal.

Science on the Road's science assemblies for grades K–8 feature 45-minute presentations packed with head-scratching science experiments, mind-blowing demonstrations, and dynamic lessons in astronomy, biology, chemistry, engineering, physics, and more. Assemblies are available for in-person presentations and live virtual broadcasts.

Schools can save by booking Broadcast Days, a new weekly livestream of Science on the Road's most popular virtual assemblies. Broadcast Days begin in February and will be held on Wednesdays at 10:30 am and 1 pm. Upcoming Broadcast Days for Science of Hockey are Feb. 3, March 24, April 28, and June 9.

Schools, libraries, and other organizations can book the Science of Hockey and other Science on the Road assemblies for virtual and in-person presentations by visiting CarnegieScienceCenter.org/SOR or calling 412.237.3400.

About Carnegie Science Center

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh's premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

About Carnegie Museums of Pittsburgh

Established in 1895 by Andrew Carnegie, Carnegie Museums of Pittsburgh is a collection of four distinctive museums: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. In 2016, the museums reached more than 1.4 million people through exhibitions, educational programs, outreach activities, and special events.

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