



## FACT SHEET

- **OVERVIEW:** Created by Honeywell and NASA in 2004, FMA Live! *Forces in Motion* is an award-winning, 45-minute, live, hip-hop science education program targeted at the middle school level.
- **SHOW REACH:** Since 2004, the show has...
  - Been seen by 460,000 students
  - Been performed at more than 1,200 schools
  - Traveled more than 110,000 miles to hold performances in all 48 contiguous U.S. states, Mexico and Canada
- **SHOW DESCRIPTION:** *FMA Live!* is named after Sir Isaac Newton's Second Law (Force = Mass x Acceleration), and uses live performers, hip-hop music, music videos and interactive scientific demonstrations to teach students to pursue careers in science, technology, engineering and math (STEM).
- During each FMA Live! performance students, teachers and school administrators interact with three professional actors on stage in front of a live audience to experience Newton's laws firsthand.
  - **Examples:** A large sticky wall is used to demonstrate inertia, a water rocket illustrates action and reaction, and 'extreme' wrestling and a huge soccer ball show that Force is determined by **Mass** multiplied by **Acceleration** (*thus, FMA Live!*). All three of Newton's laws are exemplified simultaneously when students turn apples into applesauce with the "*Newtonator*" and the principal or teacher gets a BIG surprise!
- The entire program, including the traveling stage, sets, audio/video equipment, and a ten person cast and crew, is fully funded by **Honeywell Hometown Solutions**.
- **FOR MORE INFO:** Honeywell Hometown Solutions, the company's corporate citizenship initiative, focuses on five areas of vital importance: Family Safety & Security, Housing & Shelter, Science & Math Education, Habitat & Conservation and Humanitarian Relief. Together with leading public and non-profit institutions, HHS has developed powerful programs to address these needs in the communities it serves. For more information, please visit [www.honeywell.com/citizenship](http://www.honeywell.com/citizenship).

