

## News Release

**Media Contact:**

Cecilia Tejada

(973) 455-3450

[cecilia.tejada@honeywell.com](mailto:cecilia.tejada@honeywell.com)

### **HONEYWELL AND NASA HIT THE ROAD TO BRING STEM EDUCATION TO LIFE FOR STUDENTS**

*The interactive Newtonian physics show embarks on its 25<sup>th</sup> tour this fall and is set to bring its hip-hop-infused show to 30 schools across nine U.S. states*

**MORRIS PLAINS, N.J., October 5, 2016** - [Honeywell](#) (NYSE: HON) and [NASA](#) are bringing [FMA Live! Forces in Motion](#), an award-winning hip-hop educational experience, to 30 schools during the fall; marking the 25<sup>th</sup> tour of the program since its inception in 2004. This fall, FMA Live! has performances planned at public, private and military-connected middle schools in nine states – Virginia, Maryland, Georgia, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma and Texas. The tour heads to Stone Mountain, Georgia this week starting at Dekalb Academy of Technology and Environment.

Since the program's 2004 launch, FMA Live! has traveled nearly 110,000 miles to more than 1,200 schools and performed for 460,000 students in 48 contiguous U.S. states, as well as in Mexico and Canada. The one-of-a-kind show incorporates hip-hop music and dancers, student volunteers, and on-stage, interactive science experiments to demonstrate how physics is part of everyday life.

"The astronauts of 2025 are sitting in our middle schools today. There is no better time to get students excited about STEM topics," said Donald James, NASA's associate administrator for Education. "Alongside Honeywell, we have created a program that provides students an early look into the career possibilities that exist in these fields."

Each performance focuses on Newton's Universal Law of Gravity and Three Laws of Motion. FMA Live! is named after Newton's Second Law of Motion [Force equals Mass times Acceleration] and uses music videos and interactive scientific demonstrations to teach and inspire students to pursue STEM careers.

"In each school we visit during the tour, we bring to life the importance of subjects like science and math and encourage students to explore careers that will ultimately change the world we live in," said Mike Bennett, president, Honeywell Hometown Solutions. "The popularity of the program is a testament to its ability to both entertain and inspire students."

The FMA Live! *Forces in Motion* experience also features an online "Teachers' Lounge" that includes National Science Standards-based teaching resources including downloadable streaming videos, music from the show, and a comprehensive educational guide with lesson

plans. This digital tool maintains post-show momentum and can be incorporated into classroom learning objectives throughout the school year. To learn more visit [FMALive.com](http://FMALive.com).

### **About FMA Live!**

Using live actors, hip-hop songs, music videos, interactive scientific demonstrations and video interviews with scientists and engineers from NASA's Jet Propulsion Laboratory, the show teaches Newton's Three Laws of Motion and Universal Law of Gravity. Honeywell and NASA created FMA Live! in 2004 to inspire middle school students to explore STEM concepts and careers. The program addresses Forces and Motion learning objectives outlined by the Next Generation Science Education Standards for students in grades 5-8.

Through Honeywell Hometown Solutions, the company has a number of award-winning programs focused on inspiring students at all grade levels to embrace STEM education. The company chose physics for FMA Live! *Forces in Motion* because studies have shown that the middle school years of education offer the best window of opportunity to get students interested in STEM careers.

### **Supporting Resources**

- Read more about [FMA Live! Forces in Motion](http://FMALive.com)
- Visit the [FMALive!](https://www.facebook.com/FMALive/) Facebook page
- Follow [@HON\\_Citizenship](https://twitter.com/HON_Citizenship) on Twitter
- Follow [FMA Live!](https://www.instagram.com/fmalive/) on Instagram
- Visit Honeywell's [Corporate Citizenship page](http://www.honeywell.com/citizenship)
- Learn more about [NASA's education programs](http://www.nasa.gov/education)

### **For Educators**

- The [FMA Live! Forces in Motion](http://FMALive.com) website features a "[Teachers' Lounge](#)" where educators can access and download curriculum and a full Teachers' Guide.

### **About Honeywell Hometown Solutions**

FMA Live! *Forces in Motion* is part of [Honeywell Hometown Solutions](http://www.honeywell.com/hometown), the company's corporate citizenship initiative, which focuses on five areas of vital importance: Science & Math Education, Family Safety & Security, Housing & Shelter, Habitat & Conservation, and Humanitarian Relief. Together with leading public and non-profit institutions, Honeywell has developed powerful programs to address these needs in the communities it serves. For more information, please visit <http://citizenship.honeywell.com/>.

### **About Honeywell**

Honeywell ([www.honeywell.com](http://www.honeywell.com)) is a Fortune 100 diversified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes, and industry; turbochargers; and performance materials. For more news and information about Honeywell, please visit [www.honeywellnow.com](http://www.honeywellnow.com).

Honeywell and the Honeywell logo are the exclusive properties of Honeywell, are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other Honeywell product names, technology names, trademarks, service marks, and logos may be registered or pending registration in the U.S. or in other countries. All other trademarks or registered trademarks are the property of their respective owners. Copyright 2016 Honeywell.



## 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).





## **FALL 2016 TOUR ROUTING**

9/12 – 9/16	Suffolk & Virginia Beach, VA
9/19 – 9/23	Hopewell and Richmond, VA
9/26 – 9/30	Pasadena, Odenton and Lanham, MD
10/03 – 10/07	Stone Mountain and Covington, GA
10/10 – 10/14	Hazel Green, New Market and Huntsville, AL
10/17 – 10/21	Columbus and Starkville, MS
10/24 – 10/28	Bossier City, LA
10/31 – 11/04	Fayetteville, AR
11/07 – 11/11	Tulsa and Oklahoma City, OK
11/14 – 11/18	Laredo and San Antonio, TX

*Event dates and locations subject to change.*



[www.fmalive.com](http://www.fmalive.com)