



FOR IMMEDIATE RELEASE

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HUDSON MEMORIAL SCHOOL STUDENTS TO TALK TO ASTRONAUTS ON INTERNATIONAL SPACE STATION

Amateur Radio connects kids, crew as ISS orbits overhead

11/27/18

Infusing real-world connections to Space and Radio Sciences is what the students and staff at Hudson Memorial School have explored over the past few years. Using lessons and activities aimed at supporting a STEM curriculum, teachers have extended student learning by incorporating live chats with NASA engineers, taking field trips to Boston's Museum of Science, hosting annual Astronomy Nights, performing high-altitude balloon launches, and providing instructional units on radio communication and waves into their classroom experiences and after-school activities.

On Friday, December 7, 2018 at 1:50pm students will get a unique opportunity to talk directly with astronauts on the International Space Station via ARISS (Amateur Radio on the International Space Station). This live contact has been in the works since January 2018 under the direction of Mathematics Department Chair and Hudson School District STEM Coordinator Mr. Dan Pooler, Principal Mr. Keith Bowen, and Science Department Chair Mr. Adam Goldstein by partnering with the Nashua Area Radio Society. In preparation for this momentous event, students have researched everything related to space exploration and radio communications and now have many questions to ask during their contact with the ISS. Making this ARISS opportunity available to Hudson Memorial School is credited to a joint venture by NASA, the Center for the Advancement of Science in Space (CASIS), the American Radio Relay League (ARRL), the Radio Amateur Satellite Corporation (AMSAT), and the Nashua Area Radio Society.

Fred Kemmerer, President of the Nashua Area Radio Society, is very pleased to be working with Hudson Memorial School to support the ARISS crew contact. With their support, students and teachers have delved into learning more about wireless technology, radio science, space exploration and technologies, and satellite communications. As part of their community outreach to promote STEM education, The Nashua Area Radio Society offered students,

teachers, and Hudson community members to take an Amateur Radio Licensing course held at Hudson Memorial School this past summer.

The AIRSS contact on --- and the upcoming Skype chat with a NASA engineer in February are just some of the enriching educational opportunities which can truly excite our students to learn more about STEM, and perhaps inspire them to think about career paths in the areas of science, technology, engineering, and math. Many thanks are due to the community connection made with the Nashua Area Radio Society members who have shared their time and expertise to benefit the students and staff at Hudson Memorial School.

To learn more about the Nashua Area Radio Society, please visit <https://www.n1fd.org>

Additional information on the ARISS program can be found at **www.ariss.org**.