



## 2018 Certified National Magnet School

2015, 2016, 2017, 2018, 2019  
National Magnet School of Distinction & Excellence



# **New River Middle School Marine Science Magnet Program iCAN (Integrated Career and Academic Networks) Magnet Program**

The iCAN Magnet Program at New River Middle School is an opportunity for every student at NRMS to participate in exploring various academic and career pathways through their academy courses along with core content classes.

The academy courses include various course options for students from physical education and band to marine science and engineering. Every course falls under one of the four academies: Marine & Biomedical Sciences Academy; Arts & Humanities Academy; Engineering & Industry Construction Academy; Business, Finance, & Entrepreneurship Academy.

The goal of the Marine Science and new iCAN Magnet Programs at NRMS is to provide high-quality learning opportunities for our students with an emphasis on marine education and its application to the real world through hands-on learning and field experiences. Both of our Magnet Programs expose students to academic and career pathways while focusing on environmental issues and fostering stewardship in their community. We strive to infuse academic curriculum with a marine focus on conservation, awareness, and stewardship into all our courses while at the same time expose our students to a variety of academic and career pathways.

### **iCAN Magnet Academic Goals**

**Expose our students to a variety of academic and career pathways through our elective options in each of the NRMS academies.**

- Marine & Biomedical Sciences Academy
- Arts & Humanities Academy
- Engineering & Industry Construction Academy
- Business, Finance, & Entrepreneurship Academy



### **Marine Science Magnet Academic Goals**

**Infuse academic curriculum with a marine focus on conservation, awareness, and stewardship.**

- 6<sup>th</sup> and 7<sup>th</sup> grade** – Marine Research Course
- 8<sup>th</sup> grade** - Marine Science I  
(High school Honors credit course)

#### **Additional ocean/marine related courses:**

- 6<sup>th</sup> grade: Ocean Exploration and Marine ROV (9-week WHEEL course)
- 7<sup>th</sup> & 8<sup>th</sup> grade: Ocean Exploration and Marine ROV  
(Remotely Operated Vehicle) Course