



## *Enfield Middle STEAM Academy*

### **MAKERSPACE**

#### **OUR VISION**

The Enfield Middle S.T.E.A.M. Academy Makerspace is both a place and a culture. As a flexible place, it will serve as an extension of the classroom instructional space, an environment to grow academically and socially, and a space for students to participate in many learning opportunities. The EMSA Makerspace aims to provide all students and staff an equal opportunity to apply both the skills and knowledge gained through the curriculum, as well as develop problem-solving skills, social skills, and confidence. The Makerspace will be a place where all students and their teachers can collaborate through participatory, personalized, and project based learning.

#### **GOALS**

- All students will build upon their knowledge, skills, and interests.
- Move from a teacher-led Makerspace to a student-led Makerspace.
- Teachers will embrace the Makerspace culture and realize that it is not just in one place but an extension of their classroom.
- Create student Makerspace Champions to collaborate with core and enhancement teachers to provide enrichment lessons on a given day.

#### **EXPECTATIONS**

- Teachers will view the Makerspace as an extension of their classrooms and will access materials and resources as needed.
- Students will create and pursue interests without fear of judgment. It is the expectation that there will be failures but students will learn and grow from their failures.
- Teachers will sign out resources to use in the classroom

#### **OPPORTUNITIES**

- Students will have the opportunity to engage in various components of STEAM education beyond what is provided in the classroom.
- Students will have the opportunity to learn from their teachers outside the context of the written curriculum.
- Teachers will have the opportunity to assign projects and/or assignments that require creation components provided with teacher guidance

#### **MISSION STATEMENT**

The Enfield Middle S.T.E.A.M Academy's Makerspace mission is to foster creativity among the students not just in the Makerspace, but throughout the school as well. We will encourage our students to invent, build, collaborate, and share with their school and community.

*"Where creativity and learning align to produce profound discovery!"*