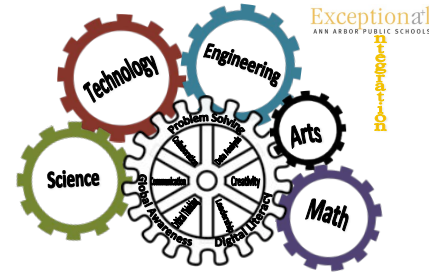


# Northside K-8 STEAM Infusion School

912 Barton Dr.



The results of *Listen & Learn* pointed to a significant demand for more K-8 and Science, Technology, Engineering, Arts and Mathematics (STEAM) programming options in the Ann Arbor Public Schools. In reviewing the success of current lottery options in AAPS, the addition of another K-8 school with a focus on the integration of STEAM programming will enrich learning opportunities for Ann Arbor Public Schools students. The program will support the development of foundational skills needed in STEAM Careers including analytical skills, problem solving, attention to detail, technical skills, communications and collaboration, creative abilities, leadership and organizational skills. In addition to meeting global work place demands, this focus also meets new Common Core State Standards expectations.

## Anticipated benefits include:

- ❖ Attract and retain Ann Arbor students within the AAPS system
- ❖ Increased student achievement as measured by next generation assessments
- ❖ Increased student engagement through high-interest, hands-on, project-based learning
- ❖ Meet global standards through collaboration and integration
- ❖ Utilize full building capacity via first option for Northside boundary families and lottery for students choosing from beyond Northside attendance area
- ❖ Realize the STEAM vision through robust curriculum and after school enrichment
- ❖ Feature 1:1 technology for all students enrolled at this school

## Considerations:

- ❖ Establish technology levels appropriate for 1:1 computing funded through the Technology Bond
- ❖ May attract students to remain in AAPS, particularly at 6<sup>th</sup> grade
- ❖ Provides another choice option for families in an area in need of enrollment infusion
- ❖ Positions AAPS to rise with 21st century learning demands
- ❖ Possible draw of some enrollment from other AAPS elementary and middle schools (FTE staffing follows student enrollment demand)

## Expected Budget Impact:

Potential to increase the utilization of Northside school from current enrollment (185) with capacity for approximately 500 – 550 students

- ❖ 1:1 Technology provided from the Tech Bond
- ❖ STEAM curriculum materials is a need
- ❖ Staff training in STEAM, beginning in spring/summer, 2014

**Information Session**  
**Thursday, March 6, 2014 – 6:30 p.m. at Northside**

# K-8 STEAM Infusion School at Northside

## Frequently Asked Questions - FAQ



For more information, please visit  
Website: <http://a2schools.org>

### **When will the K-8 STEAM Infusion School Open?**

Starting September 2014, Northside School will be reopened as a K-8 STEAM Infusion school. The K-8 STEAM Innovation at Northside will open with grades **K through 6 for Fall 2014-15**. Adding a grade level each year following; offering grades K-7 in 2015-16 and grades K-8 in 2016-17.

### **How will the STEAM programming be different?**

The content will be taught through Guiding Essential Questions. This inquiry-based problem solving approach integrates science, technology, engineering, arts and mathematics using processes such as designing experiments, asking questions, developing ideas, and models to solve everyday problems. Different instructional methodologies including co-teaching, co-planning, multi age groupings and technology tools will be utilized to provide students with personalized learning paths. Units will be designed to foster curiosity, inquiry, and discovery within the curriculum foundations.

### **Why STEAM?**

Elementary age students have incredible imagination and natural curiosity about the world and how it works. The fundamental skills taught through the STEAM design process prepare students to utilize critical thinking skills, analyze, experiment, collaborate, communicate and apply knowledge to solve real world problems.

### **What curriculum standards will be incorporated in the K-8 School?**

The STEAM K-8 will integrate on Common Core State Standards, Next Generation Science Standards, ISTE Technology Standards for Students, Engineering Design Process and National Coalition for Core Arts Standards into the Ann Arbor Curriculum.

### **How do we enroll?**

Any AAPS student who lives within the Northside attendance area, in grades **K through 6 in September 2014** is eligible to enroll. The district will post an application for AAPS students to apply for the remaining seats through a lottery draw.

### **Will transportation be provided?**

District bus transportation will be provided for students who live within the Northside attendance area and who live outside the 1.5 mile walk zone. Students who enter Northside through in-district transfer will be required to provide their own transportation.

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