# **INVENT THE FUTURE** 2022-2023 IMPACT

During the 2022-2023 school year,

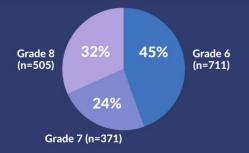
1,576

MCPS students from middle schools participated in the Invent the Future Challenge In the semester-long in-school course experience, each student received at least

55

hours of hands-on learning

### **GRADE LEVEL**

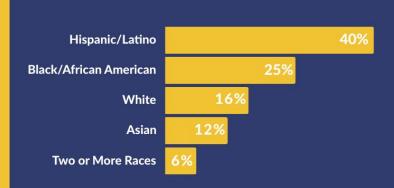


#### **GENDER**



39% Female

## RACE/ETHNICITY



### **SERVICES RECEIVED**







# **Student Outcomes**

Of students surveyed

> **PEAR Institute Holistic Student Assessment**

92%

extended or increased their critical thinking 89%

extended or increased their academic motivation

89%

extended or increased their learning interest

92%

extended or increased their reflection skills 83%

extended or increased their assertiveness

85%

extended or increased their empathy

Of students surveyed

Of surveyed

62%

of students reported maintaining or increasing their interest in having a STEM job in the future

100%

reported that students maintained or increased their confidence in doing **STEM** and computer science

50%

of students reported being more curious about the fields of engineering or technology

100%

reported that students maintained or increased their skills in doing STEM and computer science

**PEAR Institute** Common Instrument Suite

# **Teacher Outcomes**

On a scale from 1 (Strongly Disagree) to 4 (Strongly Agree):

Of 16 educators surveyed

**↑.25** pts

average increase in comfort leading STEM

**↑.13** pts

average increase in confidence leading STEM

**↑.19** pts

average increase in interest in leading STEM

**↑.19 pts** 

average increase in capability leading STEM

