



# Boonsboro Middle School

Welcome Back Message



What do you know about the following?

- Artificial Intelligence
- Robotics
- Autonomous vehicles
- Internet of Things (IoT)
- Nano-technology



# Automation has big consequences for education

- **Computers can follow directions better, faster, and cheaper than human beings, and the number of tasks computers can do grows every year.**
- **Any curriculum that emphasizes following directions to find a single correct answer is, by definition, preparing students for jobs that probably will not exist by the time those students graduate.**

**“To educate our children to compete with either a computer [is to educate them for] a competition they cannot win.”**

**—Frank Levy and Richard Murnane**



## Reality?

- In the Economic Report of the President (2016) White House economists forecasted an 83 percent chance that workers earning less than \$20 per hour will eventually lose their current jobs to automation. These economists also estimate that those who earn between \$20 and \$40 per hour face a 31 percent chance of being replaced, whereas those earning more than \$40 per hour have a much smaller chance of replacement, with estimates being as low as 4 percent.



## Quiz Time

The largest taxi company owns no taxis.

Answer: Uber (2009)

The largest accommodations provider own no real estate.

Answer: Airbnb (2008)

The most valuable retailer has no inventory

Answer: Alibaba (1999)

The most popular media platform creates no content

Answer: Facebook (2004)

The largest movie house owns no cinemas.

Answer: Netflix (1997)



## More Important in the 21<sup>st</sup> Century:

- **Postsecondary education and training**
- **Academic knowledge and skills**
- **Practical literacies: The ability to use knowledge of math, English, science, civics etc. to meet real-world challenges and/or problems.**
- **Broader competencies: Critical thinking and problem solving, communications and collaboration, creativity, self-sufficiency etc.**

**Common Theme: Our Student's need to be able to read, write, and think!**



# Assessments

- SAT, ACT, MISA, HSA Government, AP exams all in high school
- [Armed Services Vocational Aptitude Battery \(ASVAB\)](#). (Military)
- [HCC Placement Tests](#) (Community College)
- [Towson Placement Tests](#) (4 year college)
- [Maryland Department of Labor](#) (career path)

# BMS MISSION STATEMENT

CONNECT! INSPIRE! ACHIEVE!

<b>CONNECT!</b> <b>BELIEF STATEMENTS</b>	<b>INSPIRE!</b> <b>BELIEF STATEMENTS</b>	<b>ACHIEVE!</b> <b>BELIEF STATEMENTS</b>
We believe in building caring and positive relationships.	We believe in creating an atmosphere that promotes inquiry, confidence, and initiative.	We believe in helping students to identify and rigorously pursue their full academic and personal potential.
We believe in clear, concise communications among all members of the BMS community with a common focus on student success.	We believe enthusiasm and relevant instruction is contagious.	We believe in fully developing the skills necessary to make a positive difference in the local and global community.
We believe in utilizing available technology and research-based methods to establish and maintain connections with students.	We believe in empowering students to be life-long learners.	We believe in modeling by teaching creative and critical thinking skills.
		We believe in nurturing the ability to apply knowledge to real life experiences.