

GRADE 8: ROBOTICS

WHAT WILL WE DO IN THIS CLASS?

- ★ We'll use the 8 Engineering Practices (NGSS) to help us solve robotics problems.
- ★ We'll use Legos Mindstorm kits and creativity to:
 - Learn how to build and program robots
 - Explore real life themes and challenges



WHY STEM?

- ★ Develop & improve critical thinking skills.
- ★ Increase scientific literacy.
- ★ Develop 21st century skills to become the next generation of innovators.
- ★ Expose students to career possibilities in STEM.
- ★ Stem jobs in the USA are in demand and will continue to grow to over 9 million by the year 2022.

STEM

GRADES
5, 6, 7, 8

Develop & improve critical thinking skills and scientific literacy through STEM class.



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