

# Chariot Wars 2018

Over the past four months, students have been learning to operate and program a Spheros ball (robot). They have learned how to connect to and drive a spheros using an ipad and app called Lightning Lab. They have been given course challenges and worked with classmates to program or code their robot to complete specific tasks. In addition to this, students have been studying the engineering and design process and have learned how to use a 3D software program called Tinkercad. With this, students designed and printed a chariot chassis to use in our Chariot Wars. It has been a real learning experience for everyone...teachers included!

Programming, coding, and 3D design are critical prerequisite skills for many jobs in the world today. You will find them in hospitals, software engineering firms, computer programming businesses, and many other places in the current workforce.

As a culminating activity, students will be showcasing what they have learned and created on the morning of Friday, April 20 from 9:00-11:00 a.m in the HS gym. Student teams from 4th and 8th grade will be competing against one another in Chariot wars and races. Student teams have designed and built their own chariots with the sole purpose of defeating all other chariots in the Octagon of Terror. Defeating means popping a challenger's balloon! Families, friends, and community members are invited to stop in to see students as they showcase the projects they have built and compete against each other. You won't want to miss it!

If you have questions, please contact Mr. Grossinger or Mr. Mackey-Natz. We hope to see you on April 20!!

