

# Robotics

## CODING

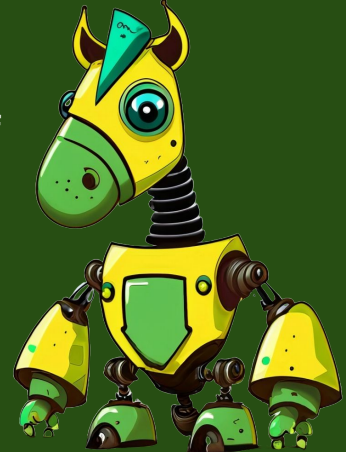
- Introductory to Advanced programming activities
- Learn industry-relevant coding principles!
- Robotics History

## CONSTRUCTION

- Create your own robot!
- Utilize Sensors to complete class challenges
- Embrace your own design ideas!

## REAL WORLD APPLICATIONS

- Understand industry use cases and effects of robotics in society
- Explores Careers in Robotics/Automation



# Flight & Aviation: Experience the Skies!



## KNOWLEDGE

- In-depth Theory of Flight lessons
- Meteorology knowledge
- Aviation History

## SKILLS

- Learn navigation and aerodynamics
- Understand Radio Communications
- Hands-on flight simulator training!

## COMPETENCIES

- Engaging activities for aspiring pilots
- Explores Careers in Aviation