

Unit 10 Performance Task Problems

Content Area: **21st Century Life & Careers**
Course(s): **Generic Course**
Time Period: **Generic Time Period**
Length: **Weeks**
Status: **Published**

Unit Introduction

Standards

9.1-A,B,C; 9.4.M-1,2,3; 9.4.0-1,2

Essential Questions

How can we use our knowledge and skills to create a solution to a required robotics task?

Content / Skills

CONTENT

Students will work together create solutions to various required robotic task such as:

A can crusher, a Frisbee launcher, ball launcher, a lifting mechanism, a feeding device, A shooting device, a fishing robot

SKILLS

- Teamwork
- Designing/planning
- Using CAD
- Using tools/machinery
- Programming control systems
- Wiring electronics
- Using pneumatics components
- Using sensors

