

Unit 04 Drive Systems

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.O-1,2

Essential Questions

What are the advantages/disadvantages of using different types of drive systems

Content / Skills

CONTENT

- Students will work in small groups to design, build & control different drive systems and provide an informal presentation to the class.
- Activities: assemble/disassemble gearbox as per on line plans from Andymark...

SKILLS

- Fabricating/operating Tank Drive wheel drive systems with chain, belt, mecanum, omni wheels with preassembled and/or altered gear boxes
- -tough box, simple box, lunch box, Fischer price....
- Know/Apply of Gear ratios