

Assignment Sheet

Week of February 5th

Name _____

	Mon	Tue	Wed	Thur	Fri
Science	Forces Ch. 10 End of Ch. Review p.407-409	Forces Intro to Engineering Design Principle Engineering Design Process Assessments p. 399	Forces Intro to Engineering Design Principle Engineering Design Process Day 3 Assessments p. 399	Forces Ch. 10 Test	Forces in Fluids 11.1 Pressure p.416-422 Assessments p. 422
Language Arts	Read 30 Min Literary Essay Highlands Road Memory Lane Project Literary Devices Simile vs. Metaphor	Read 30 Min Literary Essay Highlands Road Memory Lane Project Fables Presentation	Read 30 Min Literary Essay Highlands Road Memory Lane Project	Read 30 Min Literary Essay Highlands Road Memory Lane Project Presentation	Read 30 Min Literary Essay Highlands Road Memory Lane Project Presentation Day 2
Social Studies	Ch.7 Federalist Era 7.3 First Political Parties p. 275-281 Day 2 Inquiry Journal p. 186-191	Ch.7 Federalist Era Leadership Presentations	Ch.7 Federalist Era Ch. 7 End of Ch Assessments p.284-286	Ch.7 Federalist Era Ch. 7 End of Ch Assessments p.284-286 Ch. 7 Test Review	Ch.7 Federalist Era Ch. 7 Test

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ENGINEERING DESIGN PROCESS



- Define**
The problem
- Identify**
constraints on your solution (Time, money, materials and criteria for success)
- Brainstorm**
Multiple solution for the problem
- Select**
The most promising solution
- Prototype**
Your solution
- Test**
and evaluate your prototype
- Iterate**
to improve your prototype
- Communicate**
Your Solution

Checking for Understanding

Students go through the engineering design process to build a car powered by a mouse trap car. They will elaborate on their goals for the car (Distance or speed) and design a car based on the goals that they have set. The design process will be documented that demonstrates their understanding of the engineering process.

ENGINEERING DESIGN PROCESS



<https://ca.pbslearningmedia.org/subjects/engineering-technology/engineering-design-and-practices/>

THE ENGINEERING DESIGN PROCESS

