

## Rocket Project Schedule (Revised 10/6/2017)

## Due Date

10/11	Assign 10/6 Strategy of Experiment Problem Pg 66 Individual Rocket Project Concept Map (2 copies), including Engineering Cycle
10/13	Individual 10 Trials (2 copies)
10/16	Quiz
10/18	Final Design
<b>10/23</b>	<b>Exam Date changed due to PSAT</b>
10/25-27	Ready to Fly (10/27 if no class)
	Report due in stages 10/25 Scientific and Engineering Background 10/30 Simulation/Analysis 11/6 All other sections

## Exams and Quizzes:

General: There are three types of questions:

Comprehension—These are very basic—definitions, equations, basic concepts

Use: These questions determine what you can do with the concepts.

Applications: These examine how the use of the concepts can be applied to different problems.

## Rocket Project/Problem Solving

All “Reading” assignments are covered, except as specifically noted below. Recall that for this text, reading comprehension is the first step. You are expected to learn and be able to use the concepts. The text contains all of basic concepts. The homework and class work build on this. The critiques are an opportunity to point to your confidence in applying them.

Rocket Example: A basic question may be about the forces and Newton’s Laws. A use question may be a calculation based on these. An application question may examine how different variables interact based on your use and analysis of the results of the simulator.

Problem Solving Pg 5-25

Engineering Design Pg 26

Concept Maps Pg 32-39

Analysis/ Strategy Pg 57, 62

Rocket Pgs 130-147 (not 143)

