

Model Rockets

- 1) Create a Powerpoint Presentation with the following information
 - a) Title Slide
 - b) What is a liquid fueled rocket?
 - c) What is the history of rockets (this may take more than one slide)
 - i) Outline who, what, when, and where
 - d) List at least three scientific principles used in rockets (this may take more than one slide)
 - e) Describe the current applications of rockets
 - i) Domestic, military, commercial
 - f) Explain the current situation with model rockets
 - i) Clubs, competitions, events, organizations
 - g) List and explain the function of the parts of a typical model rocket
 - h) What is the current altitude record for a model rocket?
 - i) What are the FFA guidelines for model rockets?
- 2) Draw by hand a full scale drawing of a model rocket
 - a) Top view
 - b) Front View
 - c) Include a key in the bottom right corner
- 3) Complete the Pro-E tutorial on Model Rockets
- 4) Using Either Solidworks or Pro-E, draw a model rocket
- 5) Using the available material, build a model rocket