

Rockets!

TeachEngineering

Simulation

Introduced to statics and dynamics, free-body diagrams, combustion and thermodynamics to gain an understanding of the forces needed to lift rockets off the ground.

Suggested Learning

Time

00 : 15

Cost

0.00

PreRequisites

Requirements

Skills

Focus

Level

Standard

Points



Physics



1



Engineering



1



Research



1



Critical Thinking



1

Total Skill Points

4

Knowledge Gain

Draw a free-body diagram. Apply Newton's second law of motion.

Resource Link

https://www.teachengineering.org/lessons/view/uoh_liftoff_lesson01