

Mechanical Advantage

Math/Science

(OP, DL, OB)

Class Description: When a projectile weighing 1,900 lbs needs to be moved, without the use of machinery, how is it accomplished? Through the use of simple machines, work is carried out throughout the ship on a daily basis. Fun, hands-on activities are used to teach students the fundamentals of mechanical advantage. Students will also have the opportunity to listen to real-life examples of how these machines were used as told by the men who worked on the *New Jersey*.