

Name _____ Date _____ Period _____

Science of Sports Study Guide: Review all class notes, handouts, website explorations and class activities/labs.

What is a force? _____

What is energy? _____

Lift- _____

Drag- _____

Thrust- _____

Bernoulli's principle- _____

Sweet spot- _____

PE- _____

KE- _____

Gravity- _____

Projectile motion- _____

Air resistance- _____

Friction- _____

Aerodynamics- _____

Fluid dynamics- _____

Fluid- _____

Law of conservation of momentum- _____

What are Newton's Laws of Motion? _____

Be able to explain how Newton's Laws of Motion are related to sports.

Be able to explain how forces relate to sports.

Be able to explain how energy relates to sports.