

Activity “Administrivia”:

Intended Grade Level:

6–8

Key Concepts:

BMI, base of support,
range of motion,
line of gravity,
center of gravity,
goniometer

Process Skills Utilized in Lesson:

calculating BMI,
measuring ROM,
graphing data,
collecting data,
and making observations

Previous Learning Assumed:

Collecting data,
math skills
and reading,
following directions,
creating a hypothesis

Relevant TEKS

6.1(A), 7.1(A), 8.1(A)

Scientific processes: The student conducts field and laboratory investigations using safe, environmentally appropriate, and ethical practices. The student is expected to demonstrate safe practices during field and laboratory investigations.

6.2 (B, D, E), 7.2 (B, D, E), 8.2 (B, D, E) The student uses scientific inquiry methods during field and laboratory investigations. The student is expected to formulate testable hypotheses, collect data by observing and measuring, communicate valid conclusions, and construct graphs, tables, maps, and charts using tools including computers to organize, examine, and evaluate data.

6.6(A) Science concepts. The student knows that there is a relationship between force and motion. The student is expected to identify and describe the changes in position, direction of motion, and speed of an object when acted upon by force;

7.6(B) Science concepts. The student knows that there is a relationship between force and motion. The student is expected to demonstrate that an object will remain at rest or move at a constant speed and in a straight line if it is not being subjected to an unbalanced force; and

8.7(A) Science concepts. The student knows that there is a relationship between force and motion. The student is expected to demonstrate how unbalanced forces cause changes in the speed or direction of an object's motion;



“Administrivia”



LESSON 3
ACTIVITY 3B

Mo-Bility