

Activity "Administrivia":

Intended Grade Level:

6-10

Key Concepts:

Base of support,
Line of progression,
Foot angle,
Scientific process skills,
Math skills

Process Skills utilized in activity:

Measuring, calculating,
demonstrating gait cycle,
designing an experiment,
hypothesizing

Previous learning assumed:

Gait cycle, skeletal system,
scientific process skills,
reading and
following directions,
determining mean,
median, mode, range,
analyzing data

Relevant TEKS:

6.1 7.1 (A), 8.1 (A), IPC c.1
Scientific processes. The
student conducts field and
laboratory investigations using
safe, environmentally appro-
priate, and ethical practices.
The student is expected to
demonstrate safe practices
during field and laboratory
investigations.

6.2 (B-E), 7.2 (B-E), 8.2 (B-E),
IPC c.2 (B-D) Student uses
scientific inquiry methods
during field and laboratory
investigations. The student is
expected to collect data by
observing and measuring;
analyze and interpret informa-
tion to construct reasonable
explanations from direct and
indirect evidence; communi-
cate valid conclusions;
construct graphs, table, maps,
and charts using tools includ-
ing computers to organize,
examine, and evaluate data.

6.4 (A-B), 7.4 (A-B), 8.4 (A-B)
Student knows how to use a
variety of tools and methods
to conduct science inquiry.
The student is expected to
analyze, review, and critique
scientific explanations, includ-
ing hypotheses and theories,
as to their strengths and
weaknesses using scientific
evidence and information;
draw inferences based on data
related to promotional materi-
als for products and services.



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LESSON 2
ACTIVITY 2D

MO-BILITY