

Does the Hand relate to the Foot?

Tennessee Standards

SPI 0706.5.2

0706.3.11

Skills to be covered:

Data Collection

Interpret Data

Line of Best Fit

Organize Data

Graph Data

Making Predications

Ratios

Materials Needed

1 Metric ruler

Graph paper

Class Arrangement

Students will work in groups and also individually

Background information

Shaquille O’Neal, a basketball player in the NBA, is a very large person. He wears a size 20 shoe. Using ratios, you can find Shaq’s had span and make comparisons to your own hand span.

Procedure

1. Measure the foot and hand span of 10 students. Record your data in the table below.

(the students could be in groups of 10 or you may want to have them group by males, females, by age, or you could graph entire class)

