



## ***Soccer Goals***

### ***Math – Grade 4-6***

**Students take turns shooting soccer penalty shots, record their data, and then make estimates based on that data.**

Materials:

- Soccer balls and goal
- Print outs of table on following page
- Pens or pencils, or responsible use of technology (i.e. using iPod touch or mobile computing device to record data).

Instructions:

1. Students form groups of 3-4. Each student has a copy of the table on the following page.
2. Each student takes turns kicking 10 soccer penalty shots with no goalie. The group records how many goals each student makes.
3. Once the group has collected their data, each group member will draw a bar graph to show how many shots each member made.
4. Next, each student estimates how many shots each member of their group would make out of 100.

**\*\* Lesson Enhancement:** Have students calculate the mode, median, and range of their data.



Name	# of goals out of 10	Estimated # out of 100
1.		
2.		
3.		
4.		