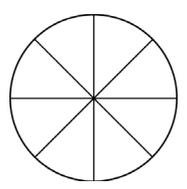


**The Sun and Solar Wind:  
A Search for the Beginning**

**The Invisible Fire**

**STUDENT ACTIVITY**



You will work on this assignment in teams. One student in each group should record: 1) the start and finish times, 2) the number of "hits," "misses," and "sticks," and 3) any verbal instructions or comments that your team members make as they complete the assignment.

The team captain will designate the order in which team members throw the "bullet" ball at the "target" ball. Each team will have five throws at the "target" during each trial. Each member of the team should make at least one throw.

The goal of this assignment is to make the bullet ball stick to the target ball by throwing it from behind the "firing line." During the first trial, you will be able to see the target. For the second trial, you will be blindfolded

Names of student team members: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

1. Note the time started on the line so labeled. Record the number of team hits, sticks, and misses.

**First trial**

Finish time:	
Start time:	
Time elapsed:	

Number of team hits	
Number of team sticks	
Number of team misses	

Team instructions and comments:

**Second trial (blindfolded)**

Finish time:	
Start time:	
Time elapsed:	

Number of team hits	
Number of team sticks	
Number of team misses	

Team instructions and comments:

2. Calculate the number of hits and sticks per minute for each trial and record them here:

First trial	hits/minute		sticks/minute	
Second trial	Hits/minute		sticks/minute	