

Directions:

One person in each group should record the number of "hits," "misses," and "sticks" for every member of the group.

1. Have one person put the blindfold on and try to get the "bullet" ball to stick to the "target." Each person should throw fives times. Record results in the data table.

Person's Name	Number of Sticks	Number of Hits	

2. Describe what happened in this activity.

3. What process did this activity model? **Hint**: This process happens in the center of the Sun.

4. What did the balls represent in this activity?

	Why were you blindfolded for this activity? What does the Sun provide to the Earth?	The Sun is a mighty source of heat and light energy. Can you believe that all its incredible power begins when tiny particles, called protons collide and fuse (or stick) together?		
Your leader may or may not assign Questions 7-10.				
7.	Use this activity to help describe the first step of nuclear f	usion.		
8.	Explain why this was a good model of fusion.			
9.	What made this a poor model of fusion in the middle of the	Sun?		
10.	How would you improve the model?			