



## Center 4: Data Sheet for Understanding Time

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Instructions:

#### Center 4: Data Sheet for Understanding Time

1. Table will have a clock with a second hand and a chart that states 60 seconds = 1 minute, 60 minutes = 1 hour
2. Students take turns being the "timer." The timer asks students to put their heads down, close their eyes and raise their hands when they think a minute has gone by. They need to keep their hands up until the timer calls one minute.
3. Students will discuss their thoughts about their estimation. Then the timer conducts the experiment again. Students should discuss if they thought it was easier to make an accurate estimation the first or the second time, and explain why.
4. Students then take turns being the timer and using other increments of time, such as 10 seconds, two minutes etc.

**Instructions:**

- Take turns being the “timer.” The timer asks the group to put their heads down, close their eyes and raise their hands when they think a minute has gone by. They need to keep their hands up until the timer calls one minute.
- Discuss your thoughts about your time estimation.
- The timer conducts the experiment again.
- Discuss if you thought it was easier to make an accurate estimation the first or the second time, and explain why.
- Use other increments of time, such as 10 seconds, two minutes, etc. Take turns being the timer.

**Remember:** 60 seconds = 1 minute  
60 minutes = 1 hour

	Time Given by Timekeeper	My Estimated Time	Difference
Time Assignment 1			
Time Assignment 2			
Time Assignment 3			
Time Assignment 4			
Time Assignment 5			
Time Assignment 6			
Time Assignment 7			
Time Assignment 8			
Time Assignment 9			