

**MANCHESTER COLLEGE**  
**Education Department**

**LESSON PLAN** by Anna Clark, Tiffany Maple, Dawa Sherpa, and Becky Welker  
**UNIT THEME:** Indiana

**Lesson:** Time Flies \_\_\_\_\_ **Length** 1 class

**Age or Grade Intended** 4<sup>th</sup> \_\_\_\_\_

**Academic Standard (s):**

Math – 4.5.9                      Add time intervals involving hours and minutes.

**Performance Objectives:** The student will calculate the total time of the Indy 500 for one driver within +/- 20 minutes.

**Advanced Preparation by Teacher:** The teacher will obtain time statistics from the previous year's Indy 500.

**Procedure:**

**Introduction/Motivation:** The students will investigate the past year's Indy 500 time statistics with the teacher's guidance.

**Step-by-Step Plan:** The students will work individually choosing a driver that they want to use for the lesson. (Intrapersonal) They will look at the driver's stats focusing on time per lap and time spent in the pit. First, they will estimate how long it took their driver to complete the race. (Logical/Mathematical) Then, they will use the numbers from the stats to calculate how long it took the driver to finish all 500 miles. (Bloom's Level 3 – Application)

**Closure:** The students will compare their results by writing them on the board in order to see who won the race.

**Adaptations/Enrichment:** An aid will be available in the classroom. If a student wishes to calculate more than one driver they will be allowed.

**Self-Reflection:** What could we have done better? What went well? What did not go well? What changes would you make?