

Lesson Plan

Indianapolis 500 Stats

Book: Indy Cars

Series: Let's Roll!

Level: Beacon

Objective

To help students practice recalling and describing key details from a text, and to work together as a group to find answers to a question based on a list of possible answers.

Supplies

- *Indy Cars*
- Indianapolis 500 Stats worksheet (attached)

Before the Activity

Read the *Indy Cars* book out loud to students. Print one Indianapolis 500 Stats worksheet for each student.

Activity

Split students into groups of two or three. Give each student an Indianapolis 500 Stats worksheet. Ask students to use the number bank to fill in the blanks in the statement about the Indianapolis 500. They should work together as a group, but they should not look up the answers in the book. Instead, they should use their critical thinking skills and the process of elimination to figure out which number from the number bank seems like the best fit for each blank.

Evaluation

When students have filled out the worksheet, have them trade sheets with another student from their group. Then use the attached answer key to read the answers out loud. Have students mark the score on their peer's worksheet. Students should give each other 1 point for each correct answer, for a total of up to 18 points.

Standards

This lesson may be used to address the Common Core State Standards' speaking and listening standards, grade 2 (SL 2.1; SL 2.2).

Indianapolis 500 Stats

Use the numbers in the box below to fill in the blanks.

33	1997
200	3 hours
500	6 hours and 42 minutes
700	1,570 pounds (712 kg)
90,000	248 pounds (112 kg)
400,000	500 miles (805 km)
\$1	36 inches (91 cm)
\$1,000,000	230 miles per hour (370 kmh)
1911	180 miles per hour (290 kmh)

1. The first Indianapolis 500 race was held in _____.
2. After racing for _____, Ray Harroun was declared the winner.
3. _____ cars race in the Indianapolis 500.
4. The race is _____ long.
5. Cars do _____ laps.
6. The entire track is asphalt, except for a strip of bricks that is _____ long.
7. Drivers can average speeds of more than _____.
8. Dallara has been making the chassis used by Indy cars since _____.
9. According to INDYCAR rules, Indy cars must weigh _____ or more.
10. According to INDYCAR rules, their engines must not weigh less than _____.
11. These engines produce between _____ and _____ horsepower.
12. Indy cars today have a top speed of approximately _____.
13. Approximately _____ people paid _____ each to see the first Indianapolis 500 race.
14. Now almost _____ spectators fill the Indianapolis Motor Speedway to watch the race.
15. The race takes about _____ to complete.
16. The top scorer of an Indy season wins a _____ bonus.

Indianapolis 500 Stats: Answer Key

1. The first Indianapolis 500 race was held in **1911**.
2. After racing for **6 hours and 42 minutes**, Ray Harroun was declared the winner.
3. **33** cars race in the Indianapolis 500.
4. The race is **500 miles (805 km)** long.
5. Cars do **200** laps.
6. The entire track is asphalt, except for a strip of bricks that is **36 inches (91 cm)** long.
7. Drivers can average speeds of more than **180 miles per hour (290 kmh)**.
8. Dallara has been making the chassis used by Indy cars since **1997**.
9. According to INDYCAR rules, Indy cars must weigh **1,570 pounds (712 kg)** or more.
10. According to INDYCAR rules, their engines must not weigh less than **248 pounds (112 kg)**.
11. These engines produce between **500** and **700** horsepower.
12. Indy cars today have a top speed of approximately **230 miles per hour (370 kmh)**.
13. Approximately **90,000** people paid **\$1** each to see the first Indianapolis 500 race.
14. Now almost **400,000** spectators fill the Indianapolis Motor Speedway to watch the race.
15. The race takes about **3 hours** to complete.
16. The top scorer of an Indy season wins a **\$1 million** bonus.