TIME EDGE
EDITION 6–8
TEACHER'S GUIDE
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Winning Medicine



Meet three sports doctors who work to keep athletes in the game.

SCIENCE (NGSS) STANDARD: From Molecules to Organisms
COMMON CORE (CCSS) STANDARDS: RI.6-8.1, RI.6-8.2, RI.6-8.4, W.6-8.8

ENGAGE THE READER

Ask students to raise a hand if they play a sport. Call on volunteers to share the sport. Tally the number of students who are involved in the same sports. Then ask students what injuries are common in their sport. Do they know how to prevent them? Introduce students to sports doctors. Explain that these people treat and help prevent sports-related injuries. Do students have any experience with these doctors, from life or TV? Allow a few students to share before asking students to read the article independently.

QUESTIONS FOR CLOSE READING AND DISCUSSION

- How does someone prepare to become a sports medicine physician?
- What traits do athletes and sports doctors share?
- What do you think would be the most difficult part of being a sports doctor? What would be the most rewarding?

EXTEND LEARNING

Prepare for this part of the lesson by writing a range of exercise- or sports-related injuries on slips of paper. Then, as a class, discuss the path to becoming a sports medicine doctor. Explain that understanding of the musculoskeletal system is imperative. Study this system as a class. You can use the page at *ti.me/musculoskeletal* to go through each of its components. Then tell students that they'll be researching a common musculoskeletal injury and how to treat it.

Have students each choose a slip of paper with an injury written on it. Give them time to research the injury, its treatment, and its prevention. Then have them act as a sports physicians. In front of the class, describe an injury. The student who researched the injury should diagnose it. Then have them explain to you how to treat it. They may also describe how to prevent this injury from occurring.

COVER STORY QUIZ + ANSWER KEY

Make a copy of the Google Form quiz for "Winning Medicine" here.

1. D (RI.1) **2. A** (RI.4) **3. D** (RI.1) **4. B** (RI.7) **5. C** (RI.2)
6. A (RI.3) **7.** Answers will vary. (W.3)