

**Reading Grade 5 E**

**Grade Level Standard(s):**

RI.5.8

**Materials:**

- Reading 5 E Our Sun
- Reading 5 E Our Sun Picture Board
- Reading 5 E Attainment Task Questions for Student Use

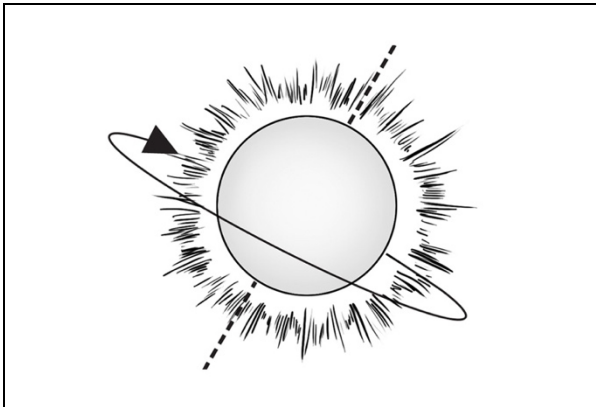
**Response Code:**

- Indicate the answer provided by the student.

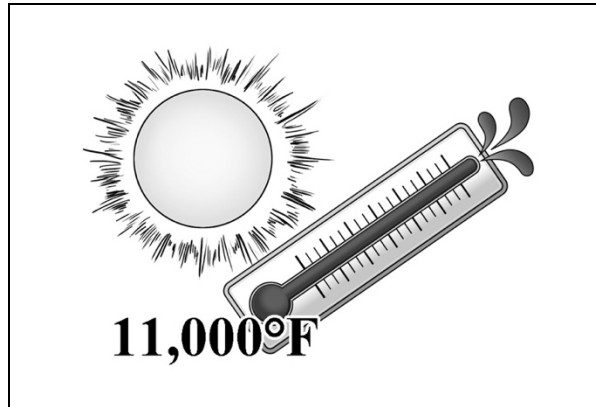
**Text Coding:**

- “Quotation marks” indicate the script that the teacher should read to the student.
- *Italicized text* provides further direction for the test administrator.
- Words in parenthesis ( ) are optional; they may replace or be read in addition to the word(s) immediately preceding.

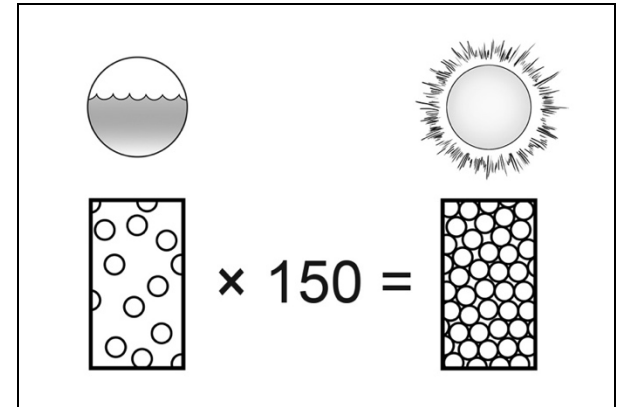
a. The sun also rotates on its axis.



b. The sun's surface is about 100 times as hot as the hottest day on earth.



c. The sun's density is approximately 150 times that of water.



*Before beginning task administration, please ensure that all conditions specified in the administration protocol (starting on page 10 of the Administration Guide Overview and Attainment Task Administration) have been met. Inform the student that the task is about to start by saying, “We are about to start the task, and I am going to ask you some questions.”*

*All questions from this task are available for presentation to the student in the supplemental material Reading 5 E Attainment Task Questions for Student Use.*

*Explain to the student that they will be reading a passage and will then answer a few questions about the passage. Present the student with Reading 5 E Our Sun (Reading 5 E Our Sun Picture Board may be presented as a support for the student). Have the student read, or read to the student, the passage Reading 5 E Our Sun.*

5. “What evidence does the author use to support the claim that the sun’s temperature is extreme?”

Response Option	<i>Response Rationale</i>
a. The sun also rotates on its axis.	<i>The student recognizes a fact about the sun, but the fact does not provide evidence that supports the claim about the sun’s temperature.</i>
b. The sun’s surface is about 100 times as hot as the hottest day on earth. <b>(Correct)</b>	<i>The student correctly identifies a fact about the sun that supports the claim that the sun’s temperature is extreme.</i>
c. The sun’s density is approximately 150 times that of water.	<i>The student recognizes a fact about the sun, but the fact does not provide evidence that supports the claim about the sun’s temperature.</i>
<b><i>Depth of Knowledge (DOK) 3</i></b>	

### Reading 5 E Our Sun

<sup>1</sup>The sun is essential for our survival. It gives us light and heat. <sup>2</sup>The Earth's sun is a huge star made of the gases hydrogen and helium. <sup>3</sup>At its core, the sun's density is approximately 150 times that of water. <sup>4</sup>The sun is 93 million miles away from us.

The sun is always burning, and its heat is extreme. <sup>5</sup>A very hot day on earth is about 100°Fahrenheit. The sun's surface is about 100 times as hot as the hottest day on earth! <sup>6</sup>The outside of the sun is 11,000°Fahrenheit.

<sup>7</sup>All of the planets in our solar system orbit, or revolve, around the sun. <sup>8</sup>It takes 365 days, or one year, for the earth to go around the sun one time. <sup>9</sup>The sun also rotates on its axis.

Reading 5 E Our Sun Picture Board

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**Reading 5 E Attainment Task Questions for Student Use**

5. What evidence does the author use to support the claim that the sun's temperature is extreme?

**Kentucky Academic Standard:** RI.5.8 - Explain how an author uses reasons and evidence to support particular claims in a text, identifying which reasons and evidence support which claim(s).

**Alternate Assessment Target:** *Limit full standard to evidence (excludes reasons).*

<b>Student Group</b>	<b>Number of Students</b>	<b>Percent Correct</b>
All Students	518	54.63%
<b>Gender</b>		
Female	180	57.78%
Male	338	52.96%
<b>Ethnicity</b>		
African American	66	37.88%
American Indian or Alaska Native	<10	Not Reported
Asian	<10	Not Reported
Hispanic of Latino	<10	Not Reported
Native Hawaiian of Pacific Islander	<10	Not Reported
White (Non-Hispanic)	385	57.92%
Two or More Races	57	49.12%
<b>English Learner</b>	29	55.17%
<b>Economically Disadvantaged</b>	409	53.30%

\*Number of students that attempted the item