



ARE YOU SMARTER
THAN A 5TH GRADER?



Are You Smarter Than a 5th Grader? Sun & Planets Edition



Are You Smarter Than a 5th Grader?

1,000,000

500,000

300,000

175,000

100,000

50,000

25,000

10,000

5,000

2,000

1,000

5th Grade Sun

5th Grade Revolution

4th Grade Stars

4th Grade Closest

3rd Grade Sizes

3rd Grade Seasons

2nd Grade Day and Night

2nd Grade Dwarf Planet

1st Grade Navigation

1st Grade revolution



5th Grade Sun Question

- / From Earth, we see the sun in the day sky and other stars in the night sky. Nighttime stars look like tiny points of light. Why do nighttime stars appear so much smaller than the sun?
- 



5th Grade Sun Answer

- / The stars are much farther away than the sun

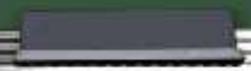


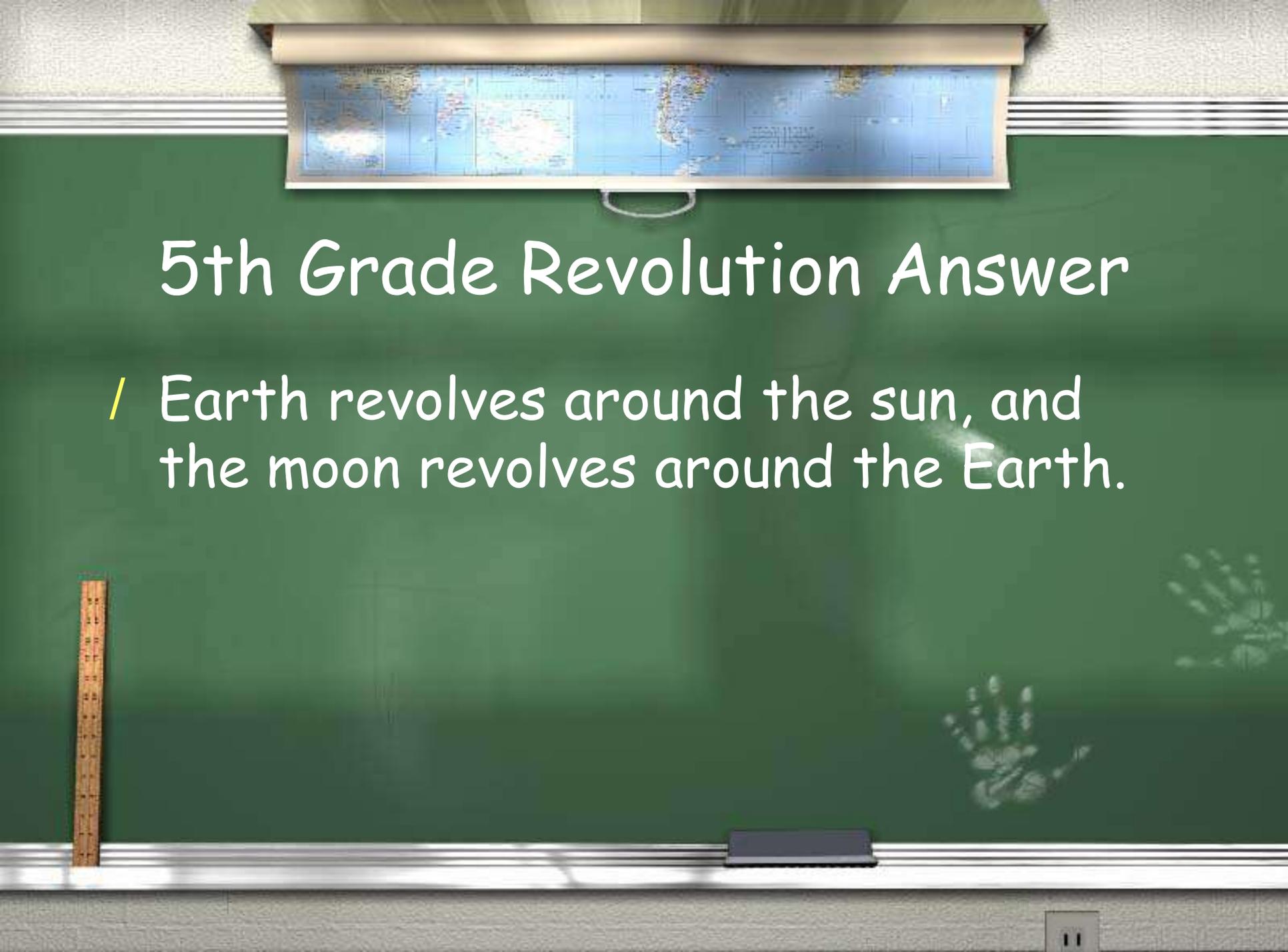
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5th Grade Revolution Question

/ Describe the moon-sun-earth relationship.

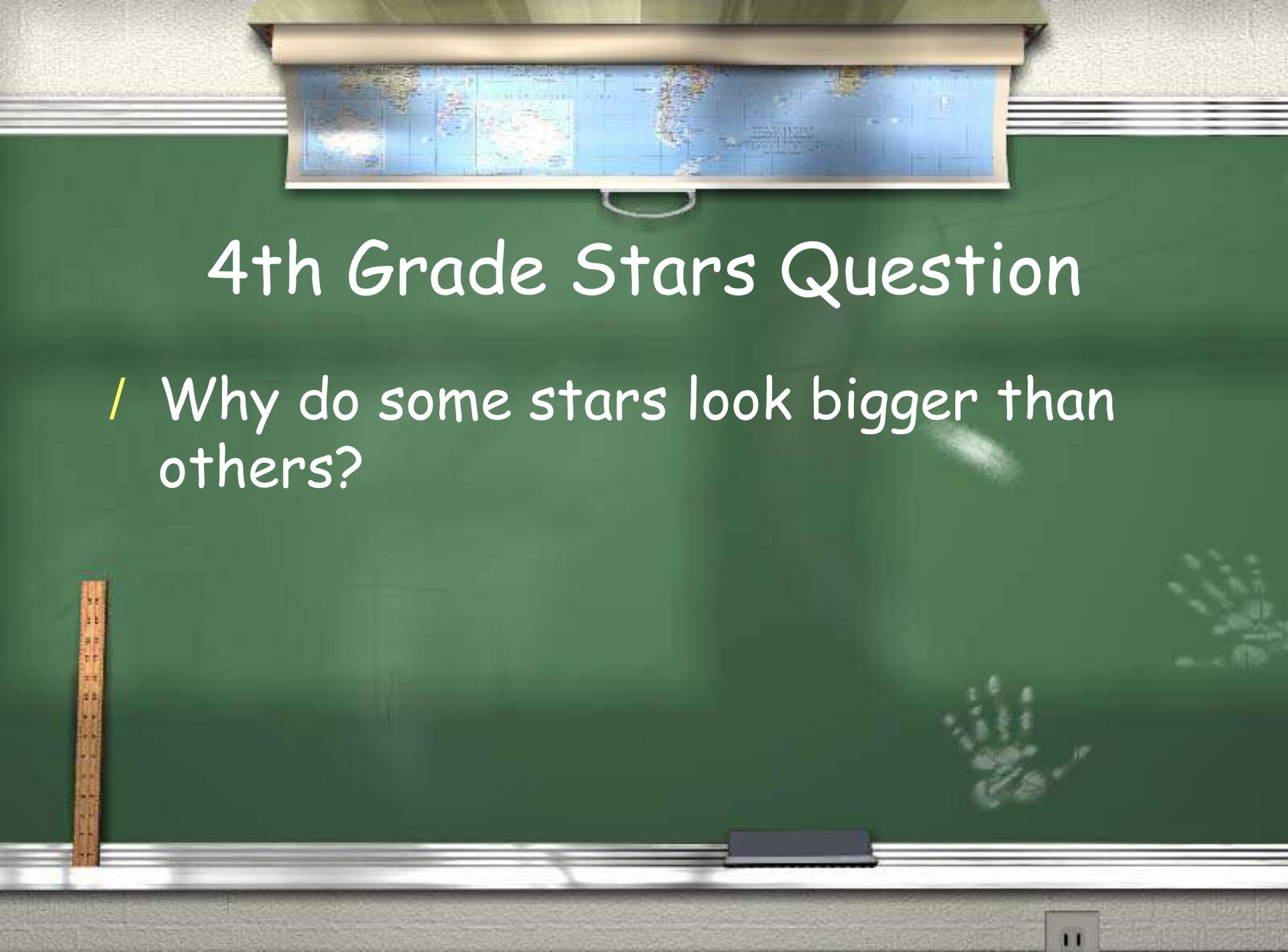




5th Grade Revolution Answer

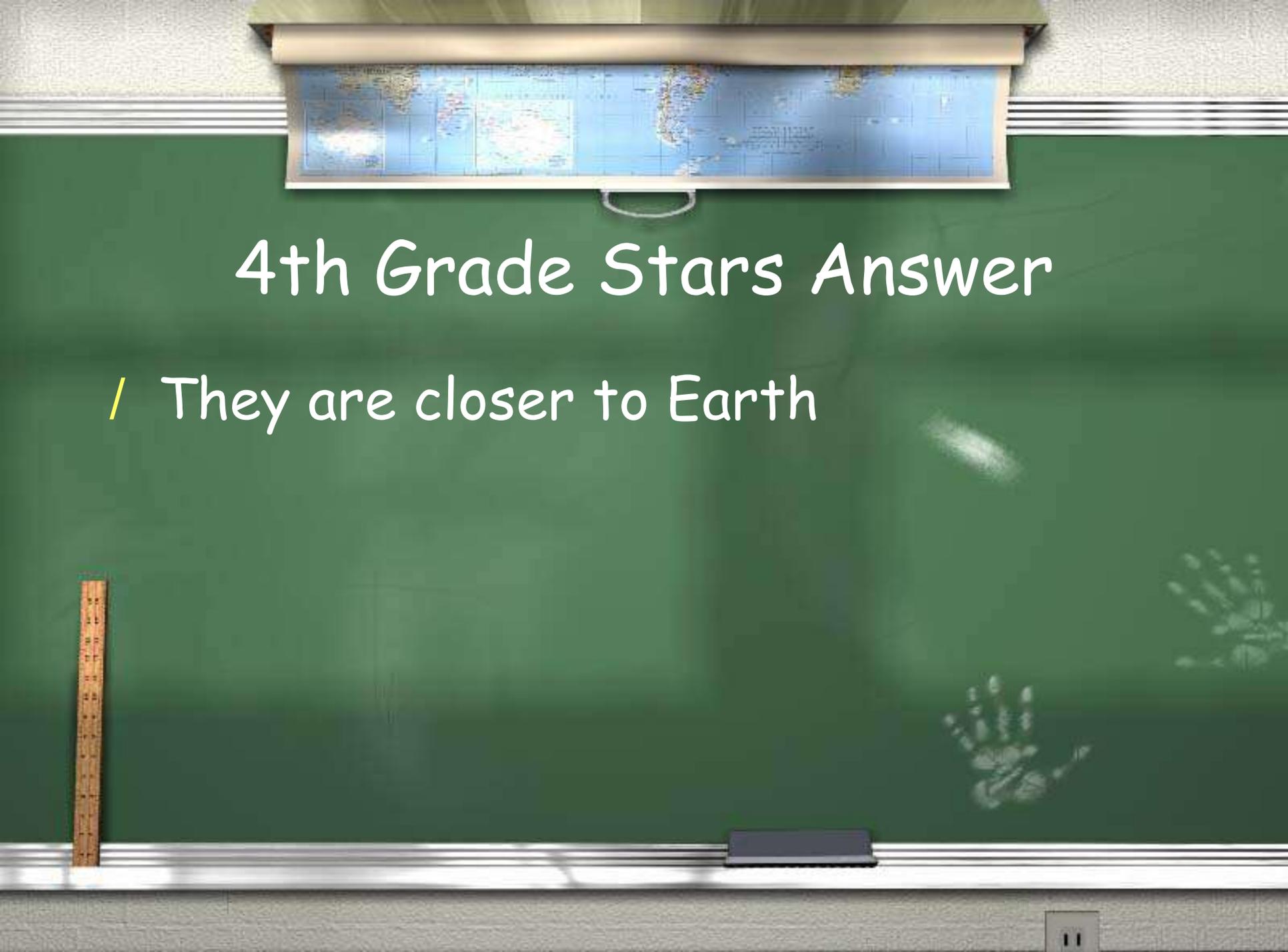
- / Earth revolves around the sun, and the moon revolves around the Earth.

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4th Grade Stars Question

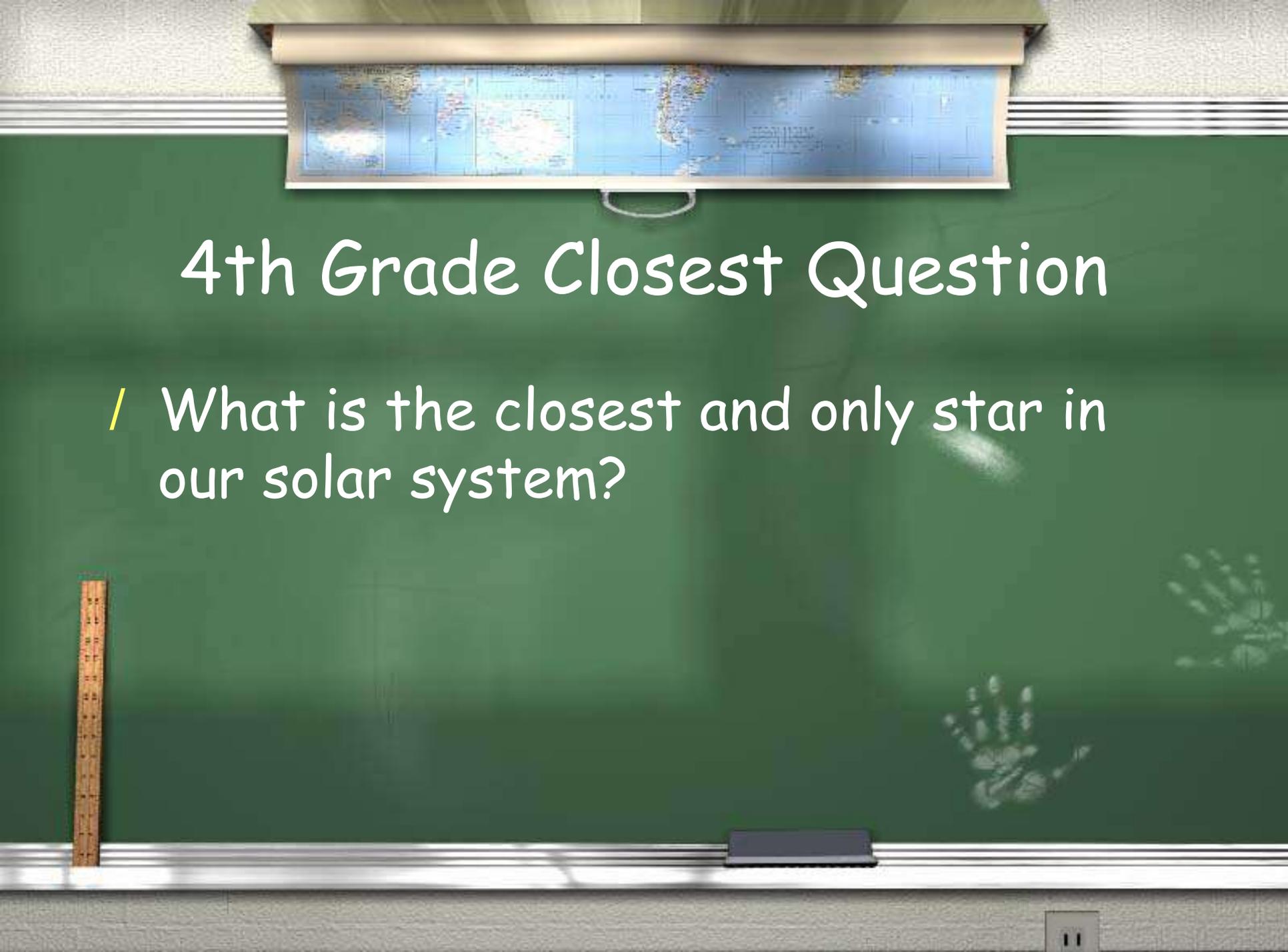
/ Why do some stars look bigger than others?



4th Grade Stars Answer

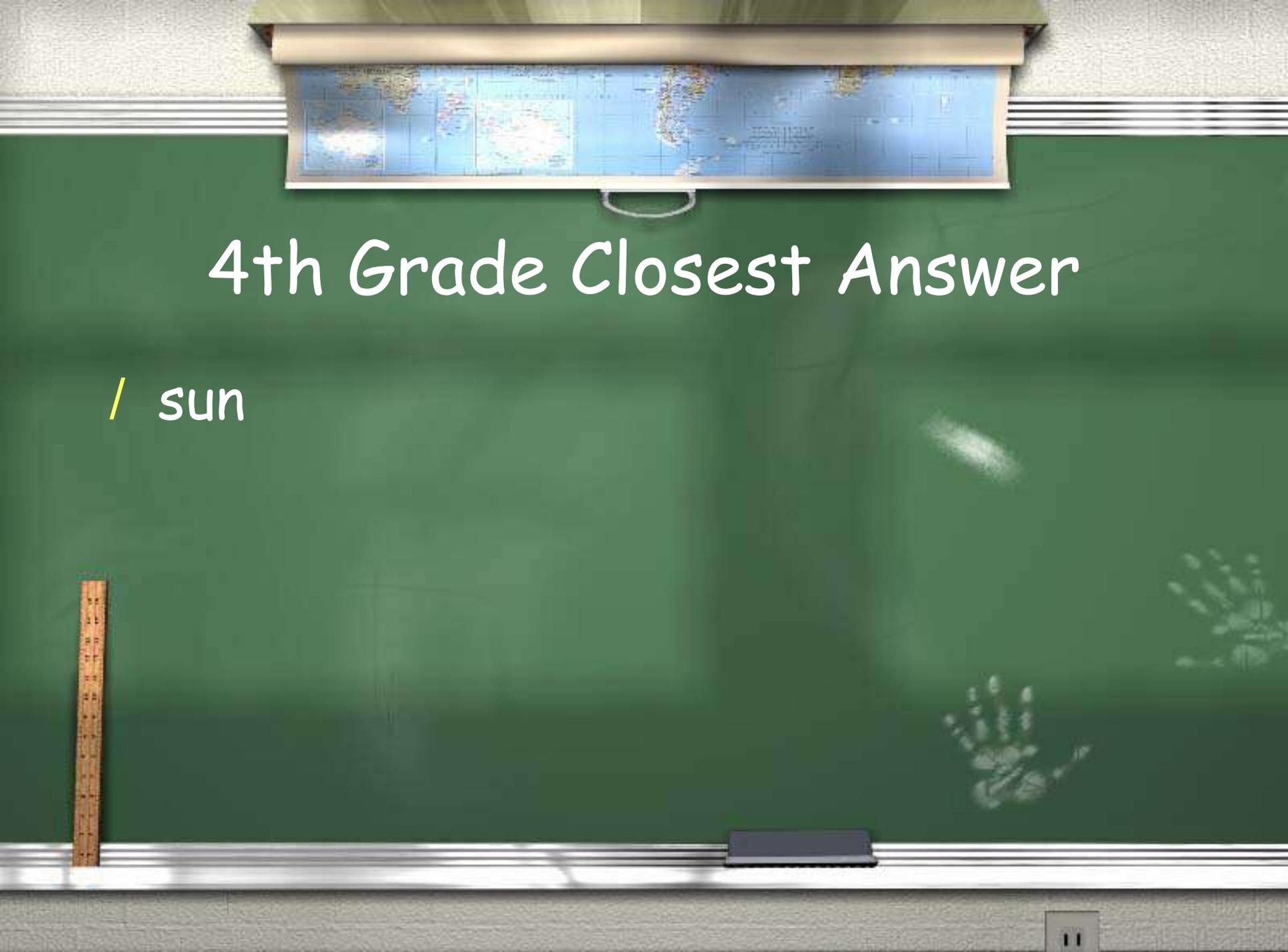
/ They are closer to Earth

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4th Grade Closest Question

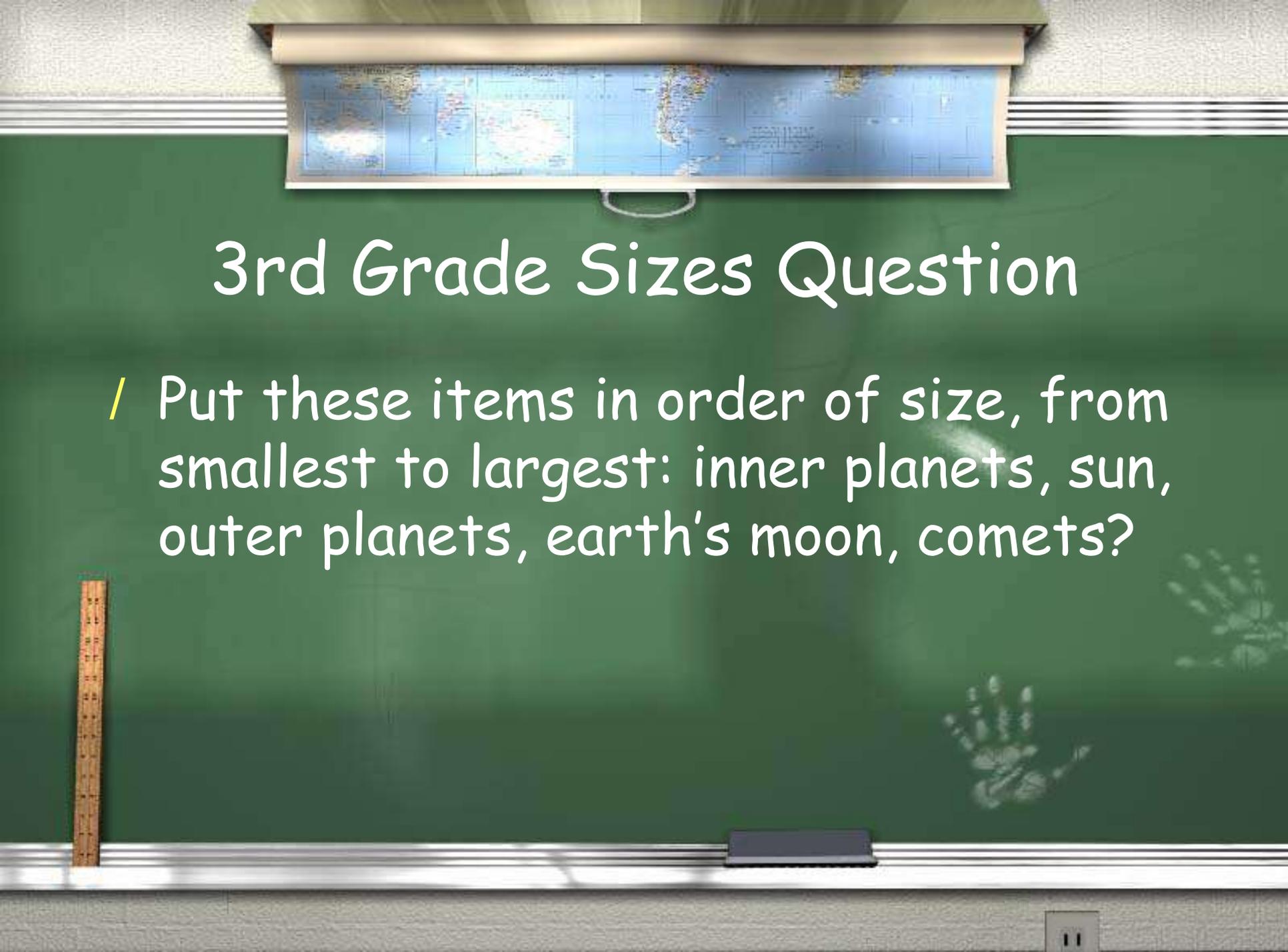
- / What is the closest and only star in our solar system?



4th Grade Closest Answer

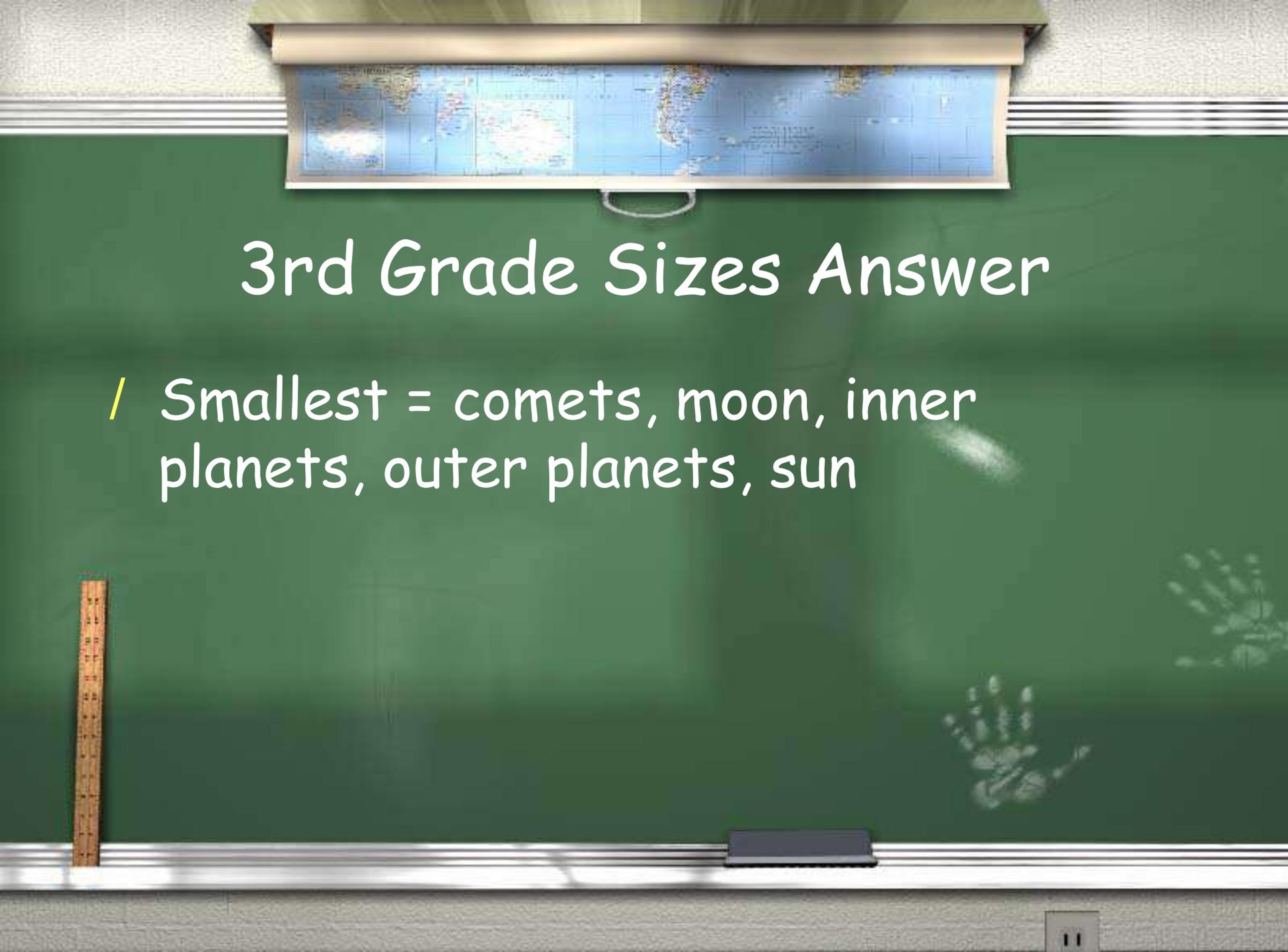
/ sun

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3rd Grade Sizes Question

/ Put these items in order of size, from smallest to largest: inner planets, sun, outer planets, earth's moon, comets?



3rd Grade Sizes Answer

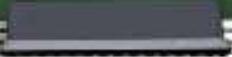
/ Smallest = comets, moon, inner planets, outer planets, sun

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3rd Grade Seasons Question

/ What causes the seasons on different planets?





3rd Grade Seasons Answer

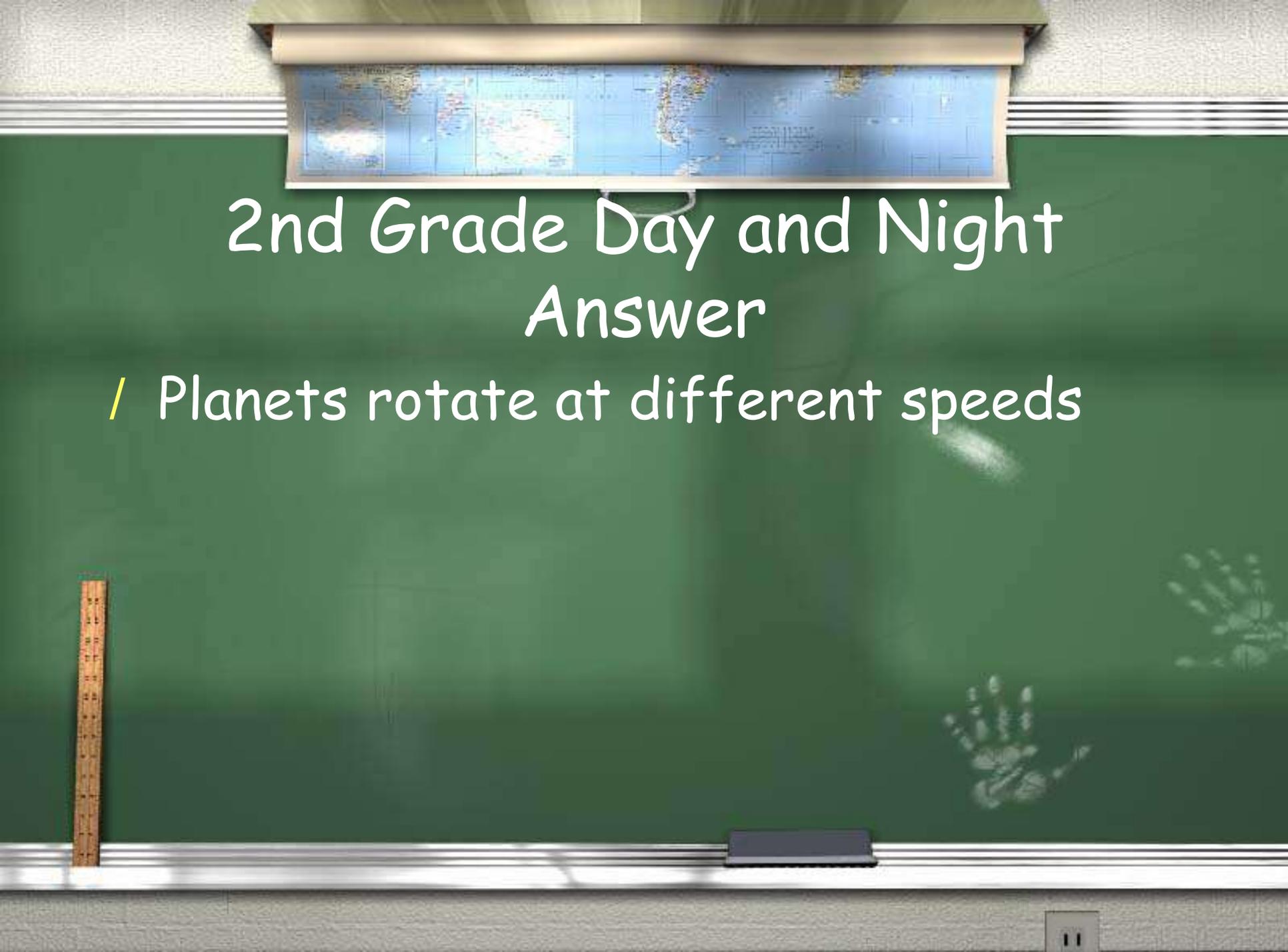
- / The tilt of the planet's axis and that planet's revolution around the sun
- 
- 
- 

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2nd Grade Day and Night Question

- / What causes the differences in day and night on different planets?
- 
- 
- 



2nd Grade Day and Night Answer

/ Planets rotate at different speeds

Return



2nd Grade Dwarf Planets Question

- / Compare and contrast dwarf planets and planets.
- 
- 
- 



2nd Grade Dwarf Planets Answer

- / Dwarf planets are usually smaller and they do not have a clear orbital path around the sun (they crossover someone else's orbit)
- 
- 
- 

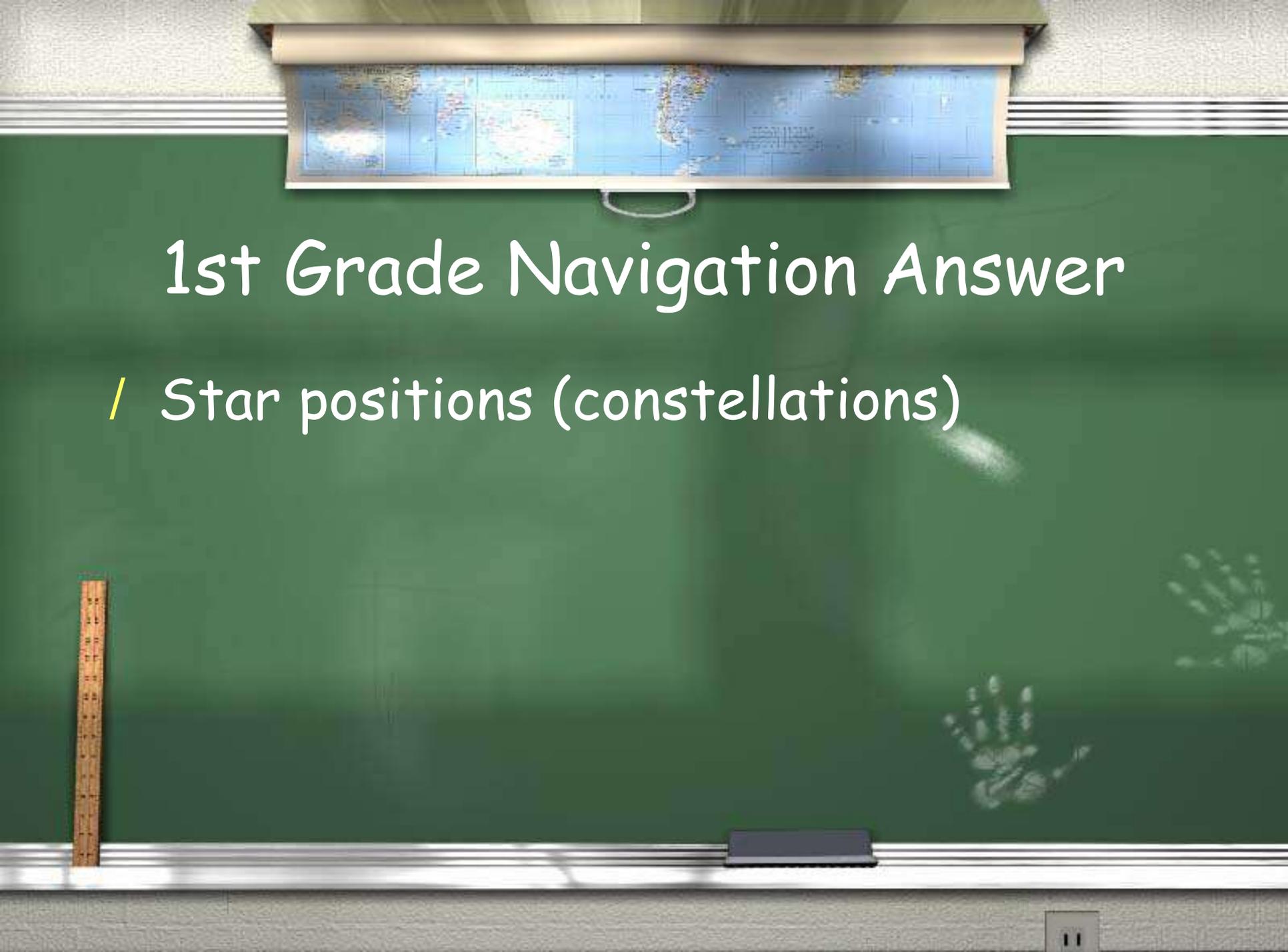
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1st Grade Navigation Question

- / What have sailors used to navigate since the 1400s?

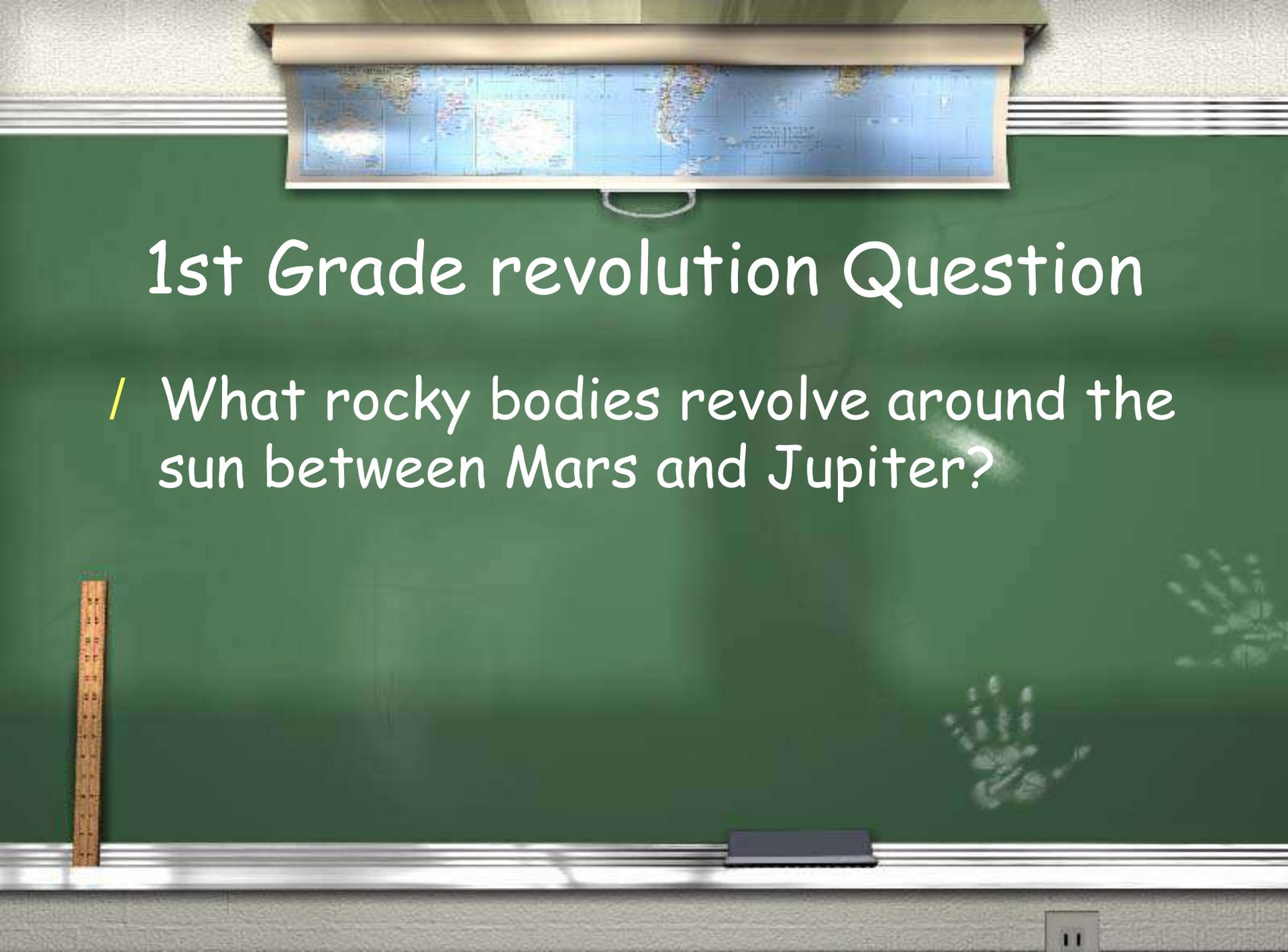




1st Grade Navigation Answer

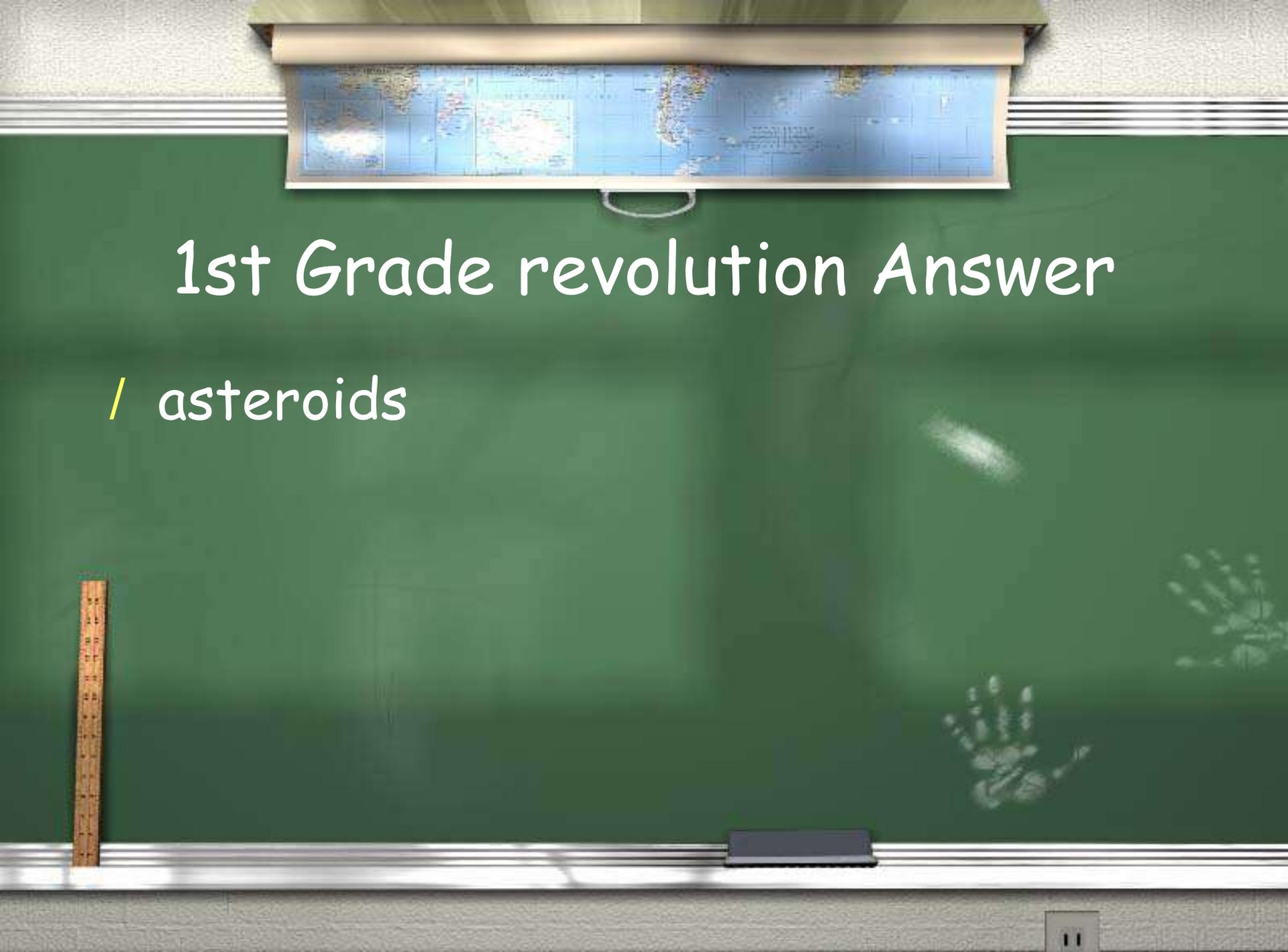
/ Star positions (constellations)

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1st Grade revolution Question

- / What rocky bodies revolve around the sun between Mars and Jupiter?



1st Grade revolution Answer

/ asteroids

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Million Dollar Question Topic

Planets

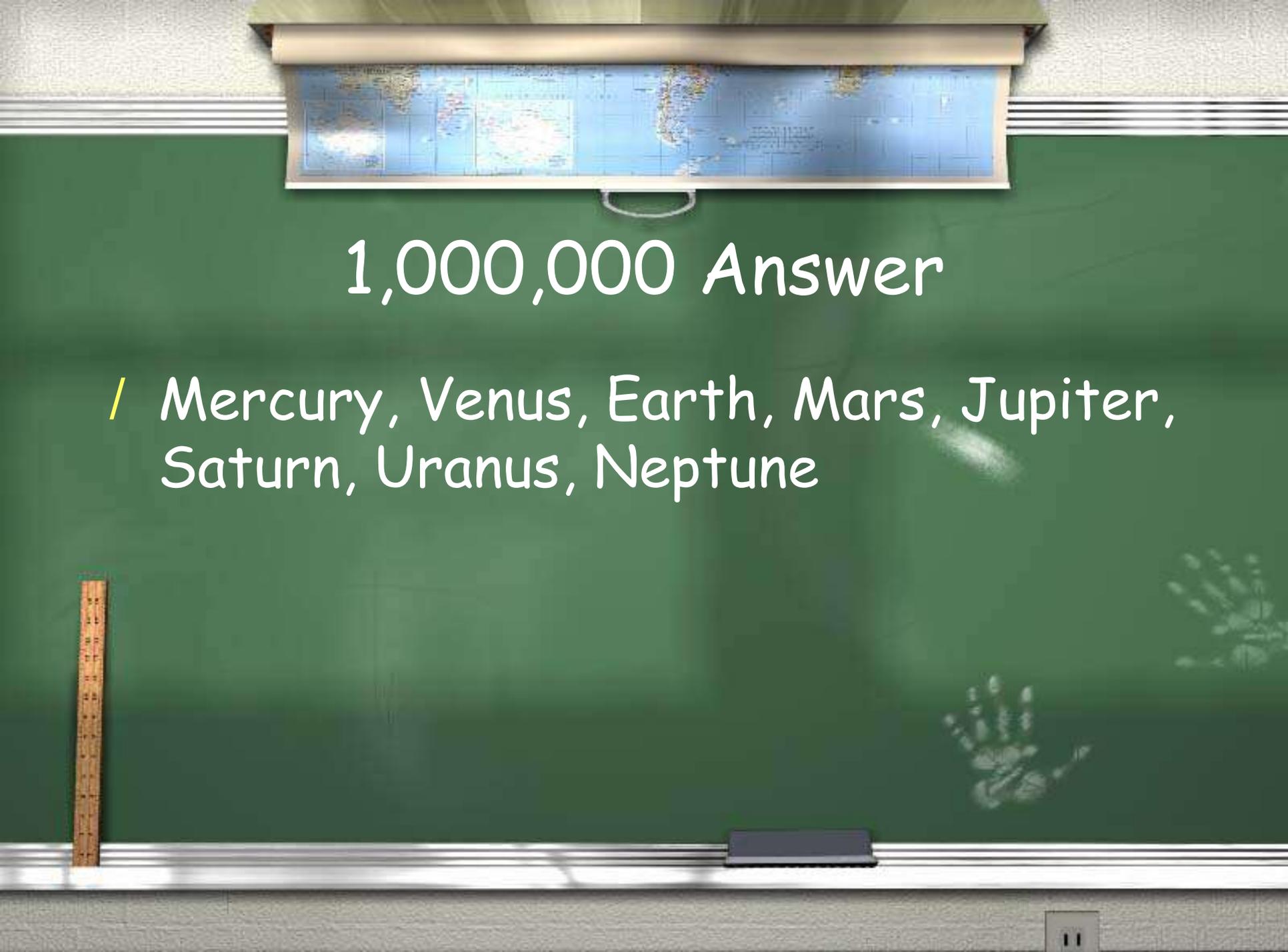




1,000,000 Question

- / Name the planets, in order, of their distance from the sun.





1,000,000 Answer

/ Mercury, Venus, Earth, Mars, Jupiter,
Saturn, Uranus, Neptune



Thanks for Playing