

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR SCIENCE, GRADE 8

(Test items developed for skills measured in Stanford9)*

Skills

- | | |
|--------------------------------------|---------------------------------|
| 1.0 Earth and Space Science | 6.0 Using Information |
| 1.1 Understanding Structure | 6.1 Earth and Space Science |
| 2.0 Physical Science | 6.2 Physical Science |
| 2.1 Understanding Properties | 6.3 Life Science |
| 3.0 Life Science | 6.4 Using Evidence and Models |
| 3.1 Understanding Structure/Function | 6.5 Analyze Patterns |
| 4.0 Related Process | 6.6 Comparing Form and Function |
| 4.1 Using Evidence and Models | |
| 4.2 Analyze Patterns | |
| 4.3 Comparing Form/Function | |
| 5.0 Thinking Skills | |
| 5.1 Understanding Structure | |
| 5.2 Understanding Properties | |
| 5.3 Understanding Structure/Function | |
| 5.4 Using Evidence and Models | |
| 5.5 Analyze Patterns | |
| 5.6 Comparing Form/Function | |

Number of questions: 40

Number of pages: 16

Approximate testing time: 25 minutes

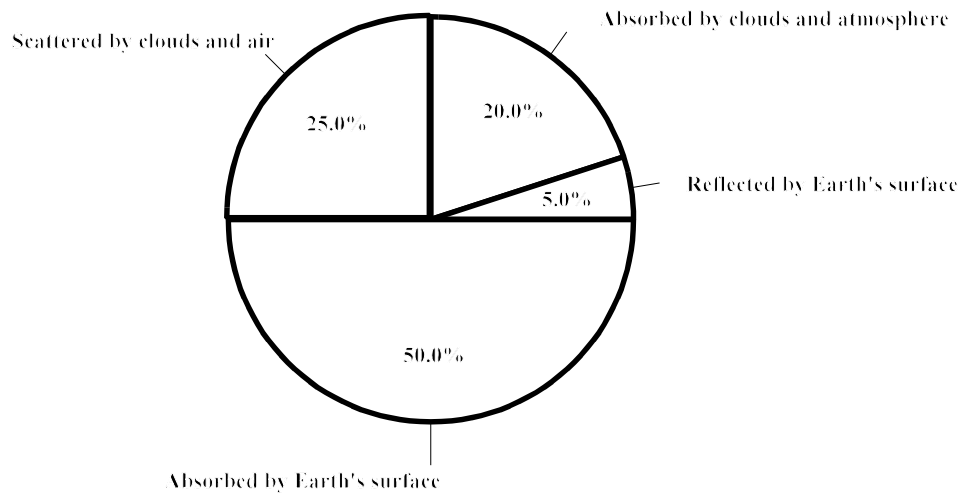
© EPES TESTING, INC.

(OVER)

*The Stanford9 is published by Harcourt Brace Educational Measurement which does not endorse or attest to the accuracy of this practice test.

Stanford9 SCIENCE PRACTICE TEST - GRADE 8

What happens to radiation coming to Earth from the sun



1. What percent of radiation is lost before reaching the Earth's surface?
- A. 20% B. 25% C. 45% D. 60%
-

2. The main job of the circulatory system is
- A. movement B. transport C. response D. support
-

3. Energy can be conserved at home by
- A. washing many small loads of laundry
B. cooking a meal on several stove-top burners
C. taking baths instead of quick showers
D. turning off appliances when they are not needed
-

4. Which of the following has the greatest mass?
- A. a piece of bread C. your science textbook
B. a snail D. you
-