

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR SCIENCE, GRADE 7

(Test items developed for skills measured in STANFORD10)

Skills

- | | |
|--|--------------------------------|
| 1.0 Life Science | 6.0 Thinking Skills |
| 1.1 Characteristics of Organisms | 6.1 Life Science |
| 2.0 Physical Science | 6.2 Physical Science |
| 2.1 Properties of Objects/
Materials | 6.3 Earth Science |
| 3.0 Earth Science | 6.4 Scientific Investigation |
| 3.1 Understanding Properties/
Sources | 6.5 Analyze Evidence |
| 4.0 Scientific Investigation | 6.6 Recognize/Analyze Patterns |
| 4.1 Processes | 6.7 Form/Function |
| 5.0 Related Processes | |
| 5.1 Analyze Evidence | |
| 5.2 Recognize/Analyze Patterns | |
| 5.3 Form/Function | |

Number of questions: 30

Number of pages: 7

Approximate testing time: 19 minutes

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(OVER)

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STANFORD10 PRACTICE TEST IN SCIENCE - GRADE 7
FORM A

SAMPLE A

Which comes first in the life cycle of the fly?

- A. Egg
- B. Adult
- C. Larva
- D. Pupa

1. Earth's age is estimated at 4.6 billion years old. Life has been present for about what percent of Earth's existence?
 - A. 76%
 - B. 65%
 - C. 50%
 - D. 45%
2. The source of most of the energy for life is--
 - A. the sun
 - B. oxygen
 - C. water
 - D. carbon dioxide
3. Which instrument is used for measuring volume?
 - A. Metric ruler
 - B. Graduated cylinder
 - C. Balance
 - D. Celsius scale
4. The most accurate age of a fossil can be found by using--
 - A. natural selection
 - B. radioactive elements
 - C. relative dating
 - D. camouflage

5. Which of these requires the greatest amount of effort to lift the books?

