

SKILLS LIST and SAMPLE TEST ITEMS

FOR

**PRACTICE TEST FOR SCIENCE, GRADE 4
SHORT FORM A**

(Test items developed for skills measured in STANFORD10)

Skills

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

Number of questions: 30
Number of pages: 7
Approximate testing time: 19 minutes

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(OVER)

STANFORD10 PRACTICE TEST IN SCIENCE - GRADE 4
FORM A

DIRECTIONS: Read each question and choose the correct answer.

SAMPLE

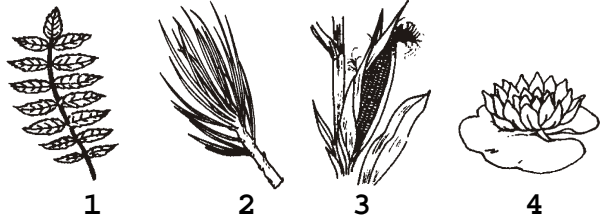
Which of these organisms can move the farthest from its home?



1. Water in cracks can weather rock when--

- A. the water freezes
- B. the water boils
- C. the water condenses
- D. the water evaporates

2.



Which of these plants grows in ponds and floats on water?

- A. 4
- B. 3
- C. 2
- D. 1

3. The farther you are away from a sound--

- A. the more sound waves there are
- B. the stronger the energy of the sound waves
- C. the weaker the energy of the sound waves
- D. the bigger the sound waves are

4. What change is caused by the Earth's tilt?

- A. Change in seasons
- B. Change in tides
- C. Change in climate
- D. Change from day to night