

*SKILLS LIST and SAMPLE TEST ITEMS*

*FOR*

**PRACTICE TEST FOR SCIENCE, GRADE 6**

*(Test items developed for skills measured in CAT-5\*)*

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Skills

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| 1.0 Science  | 1.3 Demonstrating Application of the Facts, Principles, and Concepts Used in the Fields of Earth and Space Science |
| 1.1 Demonstrating Application of the Facts, Principles, and Concepts Used in the Fields of Plant Biology and Ecology | 1.4 Demonstrating Facility in the Process Skills Critical to Scientific Study and Investigation                    |
| 1.2 Demonstrating Application of the Facts, Principles, and Concepts Used in the Fields of Physics and Chemistry     |  |
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(OVER)

## CAT-5 SCIENCE PRACTICE TEST - GRADE 6

1. Contour plowing and strip cropping are important methods of \_\_\_\_\_.
- A. soil conservation
  - B. water conservation
  - C. wildlife conservation
  - D. preventing water and air pollution
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2. Which of the following is one way twins may be produced?
- A. The mother is young and healthy.
  - B. The mother and father have same color hair.
  - C. Two eggs are released and fertilized at the same time.
  - D. The mother or father is a twin.
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3. Chlorophyll causes plants to turn \_\_\_\_\_.
- A. black
  - B. green
  - C. yellow
  - D. white
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4. Which characteristic do whales, cows, and cats have in common?
- A. They have four legs.
  - B. They eat plants.
  - C. They feed their young milk.
  - D. They have an exoskeleton.
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5. Which food chain is shown in the correct order?
- A. snake - - mouse - - grass - - owl
  - B. mouse - - snake - - owl - - grass
  - C. grass - - mouse - - snake - - owl
  - D. grass - - snake - - owl - - mouse
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6. Which organ of the human body controls temperature?
- A. heart
  - B. thyroid
  - C. muscles
  - D. skin
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