

SKILLS LIST and SAMPLE TEST ITEMS

FOR

**PRACTICE TEST FOR SCIENCE, GRADE 5
FORM A**

(Test items developed for skills measured in TAKS03)

Skills

- | | |
|---------------------------------------|-----------------------------------|
| 1.0 Nature of Science | 3.0 Physical Science |
| 1.1 Safety Practices/Scientific Tools | 3.1 Forms of Energy |
| 1.2 Using Scientific Methods | 3.2 Physical Properties of Matter |
| 1.3 Problem Solving | 3.3 Forces Cause Change |
| 2.0 Life Science | 4.0 Earth Science |
| 2.1 Inherited/Learned Traits | 4.1 Natural World |
| 2.2 Adaptations | 4.2 Effect of Past Events |
| 2.3 Environment | 4.3 Change Occurs in Cycles |
| 2.4 Basic Needs of Organisms | 4.4 Soil/Land/Sun |
| | 4.5 Earth Resources/Solar System |

Number of questions: 40

Number of pages: 7

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(OVER)

**TAKS03 PRACTICE TEST IN SCIENCE - GRADE 5
FORM A**

DIRECTIONS: Read each question carefully and choose the correct answer. Fill in the correct answer on your answer sheet.

SAMPLE A

Many diseases can be inherited. Choose the disease that is NOT inherited.

- A. Cystic fibrosis
- B. Common cold
- C. Hemophilia
- D. Sickle cell anemia

SAMPLE B

Deposition is the dropping of materials into a new area. Which example best describes deposition?

- A. Rocks breaking when water freezes
- B. Tiny roots growing toward water supplies
- C. Mining for mineral deposits
- D. Rivers carrying large amounts of eroded materials

1. Why are polar bears well suited to live in a cold climate?
 - A. They are too fat to live where it is hot.
 - B. They can't find food anywhere else.
 - C. They are mean and can't get along with other animals.
 - D. They have thick fur to keep them warm and pads on their paws for walking on the ice.

2. Which of the following natural occurrences is caused by the gravitational pull of the moon on the earth?
 - A. Tides
 - B. Cyclones
 - C. Tsunami
 - D. Dust storms

3. A poison arrow frog is brightly colored. The bright colors warn enemies of danger. The bright colors are an example of--
 - A. behavioral adaptation
 - B. land adaptation
 - C. structural adaptation
 - D. water adaptation

4. Which of the following pairs of planets are in order by their position to the sun?
 - A. Neptune, Uranus
 - B. Mars, Earth
 - C. Jupiter, Saturn
 - D. Pluto, Venus

5. Which of the following is NOT an example of a physical change?
 - A. Water freezing
 - B. Metal rusting
 - C. Water boiling
 - D. Ice melting

6. Which two instruments would be used to compare the weight and volume of two liquids?
 - A. A balance scale and a graduated cylinder
 - B. A beaker and a barometer
 - C. A graduated cylinder and a thermometer
 - D. A balance scale and a beaker