

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR SCIENCE, GRADE 8

(Test items developed for skills measured in ITBS)*

Skills

- 1.0 Life Science
 - 1.1 Explain
 - 1.2 Infer
 - 1.3 Hypothesis
 - 1.4 Classify
 - 2.0 Earth and Space Science
 - 2.1 Explain
 - 2.2 Infer
 - 2.3 Hypothesis
 - 2.4 Classify
 - 2.5 Measurement
 - 3.0 Physical Science
 - 3.1 Explain
 - 3.2 Infer
 - 3.3 Hypothesis
 - 3.4 Classify
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Number of questions: 46

Number of pages: 14

Approximate testing time: 30 minutes

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(OVER)

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ITBS SCIENCE PRACTICE TEST - GRADE 8

1. The elephant ear plant is a green plant with very large leaves. Why does the stem on the elephant ear plant not bend or break under the weight of the leaves?
- A. The plant's roots are heavier than the plant's leaves.
 - B. The leaves weigh more than the roots and stem of the plant.
 - C. The plant is extremely tall.
 - D. The leaves are attached to the roots of the plant.
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2. The fertilized, ripened ovule of a flowering plant, containing an embryo and stored food is called a
- A. bloom
 - B. seed
 - C. leaf
 - D. tuber
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3. Which factor is not used by scientists when classifying organisms today?
- A. internal structure
 - B. external structure
 - C. method of movement
 - D. chemical makeup
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4. What are the threadlike bodies, composed of genes that control heredity, found in the nucleus of a cell?
- A. chromosomes
 - B. sperm
 - C. eggs
 - D. seeds
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5. The second largest classification group is the
- A. genus
 - B. kingdom
 - C. phylum
 - D. family
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