

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR SCIENCE, GRADE 8 - FORM B

(Test items developed for skills measured in Stanford9)*

Skills

- | | |
|--------------------------------------|---------------------------------|
| 1.0 Earth and Space Science | 6.0 Using Information |
| 1.1 Understanding Structure | 6.1 Earth and Space Science |
| 2.0 Physical Science | 6.2 Physical Science |
| 2.1 Understanding Properties | 6.3 Life Science |
| 3.0 Life Science | 6.4 Using Evidence and Models |
| 3.1 Understanding Structure/Function | 6.5 Analyze Patterns |
| 4.0 Related Process | 6.6 Comparing Form and Function |
| 4.1 Using Evidence and Models | |
| 4.2 Analyze Patterns | |
| 4.3 Comparing Form/Function | |
| 5.0 Thinking Skills | |
| 5.1 Understanding Structure | |
| 5.2 Understanding Properties | |
| 5.3 Understanding Structure/Function | |
| 5.4 Using Evidence and Models | |
| 5.5 Analyze Patterns | |
| 5.6 Comparing Form/Function | |

Number of questions: 40

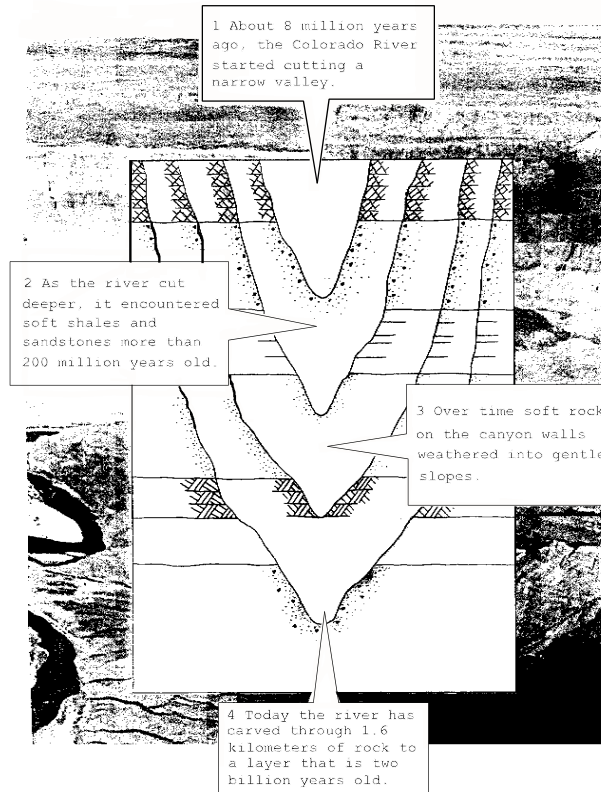
Number of pages: 13

Approximate testing time: 25 minutes

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1. Looking at the model above, how would you conclude that the Grand Canyon was formed?

- A. movement by glaciers
 - B. movement of the earth's plates
 - C. erosion and weathering
 - D. flooding in the West during the 1800's
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2. Cells along which messages are carried to and from the brain are called

- A. brain waves
 - B. nerves
 - C. genes
 - D. veins
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3. Growing the same crops in the same fields year after year

- A. enriches the soil
 - B. increases the amount of topsoil
 - C. improves plant growth
 - D. uses up all the nutrients in the soil
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