

IEA - Data Enhancement Project

Questionnaire printing

Study: SC2

Population: 1

Instrument: STC_1

Student Science Achievement Test (1C)

Population 1

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1 Which one of these animals does *not* lay eggs?

- A chickens
- B dogs
- C frogs
- D turtles
- E ducks

P1C01

2 Rain and running water can wash away good soil. This is called erosion.

[5 pictures]

The diagrams show five different types of places. From which place is soil most likely to be washed away?

- A 1 - barren flat
- B 2 - bush flat
- C 3 - barren slope
- D 4 - bush slope
- E 5 - grassland flat

P1C02

3 Why do humans need lungs?

- A to hold the chest out
- B to protect against germs
- C to move different parts of the body
- D to pump the blood through the body
- E to let oxygen enter the blood

P1C03

4 These pictures show different stages in the growth of a frog.

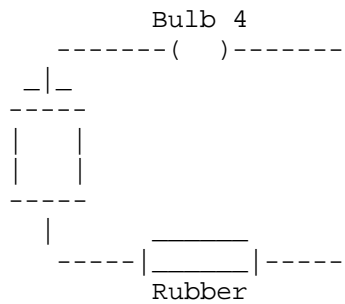
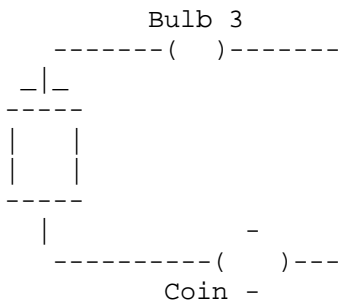
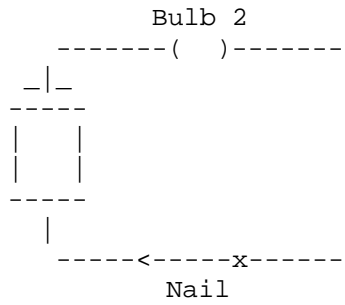
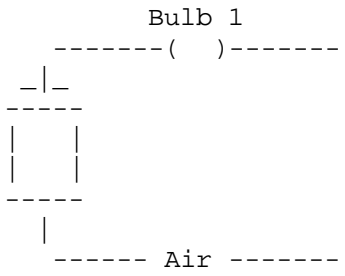
[4 pictures: near-frog, tadpole, frog-jelly, frog]

In what order do these stages occur?

- A 1, 2, 3, 4
- B 2, 1, 3, 4
- C 3, 2, 1, 4
- D 2, 3, 4, 1
- E 4, 1, 2, 3

P1C04

- 5 The following diagrams show a dry cell (torch battery) and a globe connected by wires to various substances.



Which of the bulbs will light up?

- A Bulbs 1 and 2
- B Bulbs 1, 2 and 3
- C Bulbs 2, 3 and 4
- D Bulbs 2 and 3
- E Bulbs 3 and 4

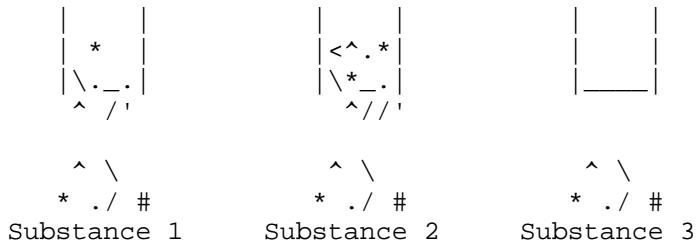
P1C05

- 6 In which one of the following lists are the items set out from coldest to hottest?

- A ice, boiling water, human body, fire
- B ice, human body, boiling water, fire
- C human body, ice, boiling water, fire
- D fire, human body, boiling water, ice
- E fire, boiling water, ice, human body

P1C06

7 The three magnets have all been dipped into the substances below them.



Which of the substances could be sugar?

- A substance 1
- B substance 2
- C substance 3
- D substances 1 and 2
- E substances 1, 2 and 3

 P1C07

8

A sign with the word $\begin{array}{c} \overline{|} \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array}$ written on it is held in front of a mirror.

What would the word look like when seen in the mirror?

- A $\begin{array}{c} \overline{|} \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array}$
- B $\begin{array}{c} \overline{|} \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | / \\ | \end{array} \begin{array}{c} | \\ | / \\ | \end{array}$
- C $\begin{array}{c} | \\ | \backslash \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array} \begin{array}{c} | \\ | \text{---} \\ | \end{array} \begin{array}{c} \overline{|} \\ | \text{---} \\ | \end{array}$
- D $\begin{array}{c} | \\ | / \\ | \end{array} \begin{array}{c} | \\ | / \\ | \end{array} \begin{array}{c} | \\ | \text{---} \\ | \end{array} \begin{array}{c} \overline{|} \\ | \text{---} \\ | \end{array}$
- E $\begin{array}{c} | \\ | \text{---} \\ | \end{array} \begin{array}{c} \overline{|} \\ | \text{---} \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array} \begin{array}{c} | \\ | \backslash \\ | \end{array}$

 P1C08
