

Practice Test – Grade 5 Science Answer Key

Item Position	Item Type	TEKS Alignment	Maximum Number of Points	Correct Answers(s)
1	Multiple Choice	5.3.3.8.D	1	C
2	Multiple Choice	5.4.5.9.B	1	B
3	Multiple Choice	5.1.3.5.C	1	C
4	Multiple Choice	5.3.4.8.C	1	A
5	Multiple Choice	5.2.5.6.C	1	C
6	Multiple Choice	5.4.5.9.A	1	A
7	Evidence Based Selected Response	5.3.4.8.A	2	B, A
8	Multiple Choice	5.1.5.5.B	1	D
9	Multiple Choice	5.2.3.6.B	1	C
10	Short Constructed Response	5.4.5.10.A	2	See Appendix 1.1 and 1.1.1
11	Multiple Choice	5.3.4.7.A	1	D
12	Multiple Choice	5.2.5.6.A	1	B
13	Multiple Choice	5.4.5.9.B	1	D
14	Multiple Choice	5.3.5.7.B	1	C
15	Multiple Choice	5.4.5.9.B	1	B
16	Multiple Select	5.2.5.6.C	2	B, E See Appendix 1.2
17	Multiple Choice	5.4.5.9.A	1	C
18	Multiple Choice	5.2.5.6.D	1	B
19	Evidence Based Selected Response	5.1.5.5.A	2	A, C
20	Multiple Choice	5.4.5.9.C	1	D
21	Multiple Choice	5.3.5.7.A	1	B
22	Multiple Choice	5.2.5.6.A	1	A
23	Multiple Choice	5.1.5.5.A	1	D
24	Multiple Choice	5.4.5.10.B	1	B
25	Multiple Choice	5.3.5.8.C	1	B
26	Hotspot	5.2.5.6.B	2	Bulb 1, Bulb 2 See Appendix 1.3
27	Multiple Select	5.3.5.8.D	2	A, D See Appendix 1.4
28	Multiple Choice	5.4.3.10.B	1	B



Item Position	Item Type	TEKS Alignment	Maximum Number of Points	Correct Answer(s)
29	Drag and Drop	5.3.5.7.A	2	weathering, erosion, deposition, compaction, cementation See Appendix 1.5
30	Multiple Choice	5.4.5.9.D	1	A
31	Multiple Choice	5.1.5.5.C	1	C
32	Multiple Choice	5.4.3.9.A	1	C

Practice Test – Grade 5 Science

Appendix

1.1

A picture and a description of a striped skunk and a giant panda are shown in the chart.

Striped Skunk	Giant Panda
 <p data-bbox="630 373 646 562">© geoffhughes/stock.adobe.com</p>	 <p data-bbox="1243 338 1260 562">© Volodymyr Gonyk/Shutterstock.com</p>
<ul style="list-style-type: none">• It lives in forests, grasslands, and areas close to humans across North America, including parks and yards.• Its food sources include a variety of plants and animals, such as berries, roots, insects, mice, and lizards.• To escape a predator, it can spray a fluid that releases a strong odor and stings the predator's eyes.• It usually produces 5 offspring each year. Offspring stay with their mother up to 1 year.• There are millions of individuals in the wild, meaning the striped skunk is not likely to become extinct.	<ul style="list-style-type: none">• It lives in the cool, wet high-mountain forests of Asia away from humans. It used to live in forests at lower elevations before the forests were cleared for human use.• About 99% of the panda diet is bamboo, a type of woody plant.• It has large molar teeth for crushing bamboo.• Adults do not have natural predators.• It usually produces 1 offspring every 2 years. Offspring stay with their mother up to 3 years.• Some estimates show that there are less than 2,000 individuals left in the wild, meaning the panda is vulnerable to becoming extinct.

What are **TWO** likely reasons why the striped skunk has a much greater population in the wild than the giant panda?

Read the descriptions and question carefully. Then enter your answer in the box provided.

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1.1.1

The student responds with any **TWO** of the following answers:

- The skunk eats more kinds of foods than the giant panda.

- The skunk is adapted to eating many different foods, while the panda is adapted (large molars) to eating only bamboo (or fewer kinds of food).
- The skunk can live close to humans, while the giant panda cannot.
- The skunk can live in a greater variety of habitats than the giant panda.
- The skunk produces more offspring than the giant panda.
- The skunk offspring leave their parents sooner than the giant panda offspring.

1.2

Which activities require for light to be refracted before reaching the eyes of the student?

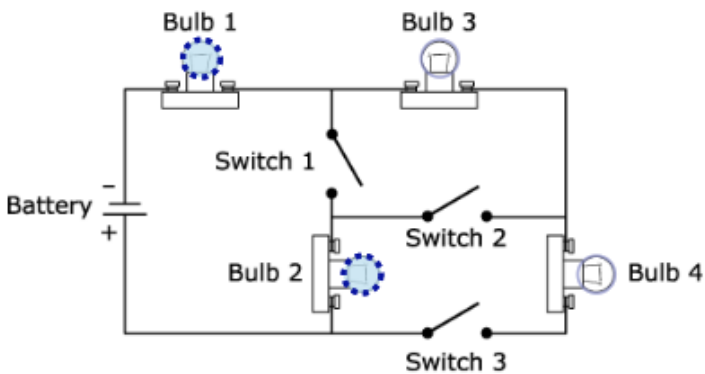
Select **TWO** correct answers.

- Students see themselves in a mirror.
- A student views an insect through a hand lens.
- A student looks at a piece of paper.
- A student sees an image on the surface of a puddle.
- Students look at a rainbow after it rains.

1.3

The circuit has four lightbulbs and three switches. If Switch 1 is closed, which lightbulbs will glow?

Select **TWO** correct answers.



1.4

A student is comparing Earth, the sun, and the moon.

Which statements about Earth, the sun, and the moon are correct?

Select **TWO** correct answers.

The sun is larger than Earth and the moon.

The moon is made of gases, and Earth is a solid body.

Earth is smaller than the moon and larger than the sun.

The sun produces its own light, and the moon only reflects light.

The sun, the moon, and Earth each contain liquid water.

1.5

In what order do these steps occur during the formation of sedimentary rock?

Move the correct answer to each box.

Erosion

Deposition

Compaction

Weathering

Cementation

Step 1: Weathering

Step 2: Erosion

Step 3: Deposition

Step 4: Compaction

Step 5: Cementation