

Are You Smarter  
Than a 5<sup>th</sup> Grader?



# Are You Smarter Than a 5<sup>th</sup> Grader?

1,000,000

500,000

300,000

175,000

100,000

50,000

25,000

10,000

5,000

2,000

1,000

5th Grade — Electric Circuits

5th Grade — Completing Circuits

4th Grade - Mass

4th Grade — Electricity

3rd Grade — Chemical Changes

3rd Grade — Static Electricity

2nd Grade — Physical Changes

2nd Grade — Changes in State

1st Grade — Parts of a Whole

1st Grade — Very Tiny Particles

# 5th Grade

## Electric Circuits Question

- / Eddie's dad wired new lights for his playroom. When he thought everything was connected correctly, he turned on the switch and nothing happened. What could be the problem?
  - / A. He put too many lights and switches in the circuit.
  - / B. He needed to connect more batteries to the circuit.
  - / C. He made a mistake that caused an open circuit.
  - / D. He should have wired the circuit in parallel.

# 5th Grade Electric Circuits Answer

- / C. He made a mistake that caused an open circuit.

**Return**

## 5th Grade

### Completing Circuits Question

- / Michael connects a wire from a battery to each of the listed items. Which item would allow a current from the battery to pass through if connected to another wire on an opposite end?
  - / A. brass door knob
  - / B. wooden door
  - / C. rubber ball
  - / D. cotton shirt

# 5th Grade Completing Circuits Answer

/ A. brass door knob

**Return**

# 4th Grade Mass Question

- / The mass of an object on earth is 50 kg. The mass of the same object in outer space is still 50kg. Which statement explains this?
  - / A. The weight of an object does not change when it leaves earth.
  - / B. The amount of matter in the object does not change.
  - / C. Everything has a mass of 50 kg.
  - / D. There is no explanation. It is just a freak of nature.

# 4th Grade Mass Answer

- / B. The amount of matter in the object does not change.

**Return**



# 4th Grade Electricity Question

plastic

rubber

glass

paper

/ Which name applies to these materials because of their electrical properties?

- / A. connectors
- / B. regulators
- / C. conductors
- / D. insulators

# 4th Grade Electricity Answer

/ C. conductors

**Return**

# 3rd Grade

## Chemical Changes Question

- / In a chemical change what would happen if you mixed two substances?
  - / A. They would form a new compound.
  - / B. The two would not be able to mix.
  - / C. They would be two separate substances.
  - / D. The compounds would keep their original identity.

# 3rd Grade Chemical Changes Answer

- / A. They would form a new compound.

**Return**

## 3rd Grade

### Static Electricity Question

/ Objects with like charges repel and unlike charges attract. The girl's hair and comb have \_\_\_\_\_.

- / A. Unlike charges
- / B. Like charges
- / C. Neutral charges
- / D. No charges



# 3rd Grade Static Electricity Answer

/ A. unlike charges

# 2nd Grade

## Physical Changes

- / If you dissolved a lot of salt in some water in a large flat dish and put the dish in bright sunlight on a hot day, what would be left in the dish after a long time?
  - / A. dry salt
  - / B. water with no salt
  - / C. the same salty water as before
  - / D. nothing.

# 2nd Grade Physical Changes Answer

/ A. dry salt

**Return**



## 2nd Grade

### Changes in State Question

- / As water vapor condensates it forms clouds. What might happen next?
  - / A. it rains
  - / B. it freezes
  - / C. it is evaporated
  - / D. it dries up

# 2nd Grade Changes in State Answer

/ A. it rains

**Return**

# 1st Grade

## Parts of a Whole Question

/ Plastic, wood, and iron are ALL made of

- / A. energy.
- / B. plant or animal cells.
- / C. carbon molecules.
- / D. atoms.

# 1st Grade Parts of a Whole Answer

/ D. atoms.

**Return**

## 1st Grade

### Very Tiny Particles Question

- / To study diseases that might be contained in a patient's blood, which tool might a doctor use?
  - / A. telescope
  - / B. microscope
  - / C. electromagnet
  - / D. intense light source

# 1st Grade Very Tiny Particles Answer

/ B. microscope

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# Million Dollar Question

Physical Science

# 1,000,000 Question

- / Water, ice, and steam are all alike because they
  - / A. are the same compound.
  - / B. have the same shape.
  - / C. look the same.
  - / D. feel the same.



1,000,000 Answer

/ A. are the same compound.

**Return**

Thanks for Playing!

