

Science Quiz Game Show - Grades 4-6

Get kids excited about science with this fun-filled quiz game! We've provided 20 sample questions covering a variety of engaging topics. Just download the free game cards and follow the instructions below to set up and play the game!

Getting Started

- Download and print the question cards and category cards. Cut them apart on the dotted lines.
- Fold the answer back along the solid line.
- Print five copies of the point cards reproducible. Cut them apart on the dotted lines.

Setting Up

- Hang a pocket chart in a highly visible place.
- Place the five category cards along the top row of your chart.
- Place the question cards in the correct columns on the chart. You should have four rows of five cards each. Make sure the question sides are facing out.
- Place the point cards over the question cards. Put the 100-point cards along the top row, the 150-point cards in the second row, and so on.

How to Play

- Ask for three volunteers (or divide your class into three teams). Designate them Player 1, 2 and 3 (or Team 1, 2 and 3).
- Player 1 chooses a category and selects a point value: 100, 150, 200 or 250.
- You or a volunteer "game show host" should pull the point card from the chosen column and ask the question on the revealed card.
- If Player 1 answers correctly, give her the point card and turn over the question card in the pocket chart (revealing the answer). She can then choose another question card to answer. Play remains with Player 1 until she answers a question incorrectly.
- If Player 1 answers incorrectly, Player 2 or 3 can answer the question, depending on who raises his hand first. If that player answers correctly, play proceeds as described above. If that player answers incorrectly, the last player has the opportunity to answer the question. If the last player answers correctly, play proceeds as described above.
- If the last player answers the question incorrectly, the host reads the answer out loud and turns the question card over in the pocket chart.
- Play proceeds in order from Player 2 to Player 3, then back to Player 1, and so on.
- Play continues until all questions have been answered.
- The winner is the player with the most points at the end of the game.

QUESTION

What kind of rock is formed when hot magma cools?



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Fold here

igneous rock

QUESTION

What is the hardest natural substance found on Earth?



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Fold here

diamond

QUESTION

In a canyon wall, are the oldest parts usually at the top or the bottom?



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Fold here

the bottom

QUESTION

What are metamorphic rocks formed by?



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Fold here

heat and pressure

QUESTION

Is energy associated with motion called isometric energy, kinetic energy, or potential energy?



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Fold here

kinetic energy

QUESTION

As an ice cube melts, do the water molecules move faster or slower?



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Fold here

faster

QUESTION

Which is not an example of a renewable energy resource—windmills, solar cells, gasoline, or hydroelectric dams?



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Fold here

gasoline

QUESTION

In what state does matter change its shape without changing its volume?



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Fold here

liquid

QUESTION

What system is the esophagus part of?



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Fold here

the digestive system

QUESTION

What is the body's largest organ?



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Fold here

the skin

QUESTION

What is the name of the system that brings oxygen into the body and releases carbon dioxide?



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Fold here

the respiratory system

QUESTION

Blood does not flow through which of the following: arteries, veins, capillaries, or platelets?



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Fold here

platelets

QUESTION

Would the north pole of a magnet be attracted to the north or south pole of another magnet?



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Fold here

the south pole

QUESTION

Which kind of circuit has each component connected to the power source on its own— series or parallel?



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Fold here

parallel

QUESTION

What is the name for a magnet that is magnetic only when an electric current is running through it?



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Fold here

an electromagnet

QUESTION

What do solar cells convert into electricity— heat, air, or sunlight?



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Fold here

sunlight

QUESTION

True or False?
The ozone layer is important to life on Earth because it absorbs harmful radiation from the sun.



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Fold here

true

QUESTION

Which is the not one of the three major layers of the Earth—core, magma, mantle, or crust?



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Fold here

magma

QUESTION

What do we call something that nature can break down into its elements?



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Fold here

biodegradable

QUESTION

Which of these is not one of the “three R’s” that can help protect our environment—reduce, reuse, replant, or recycle?



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Fold here

replant

100

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150

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200

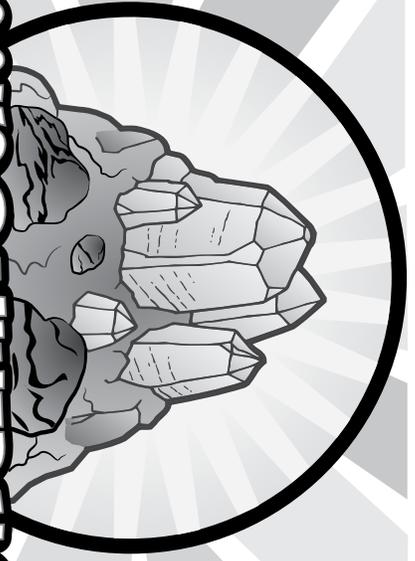
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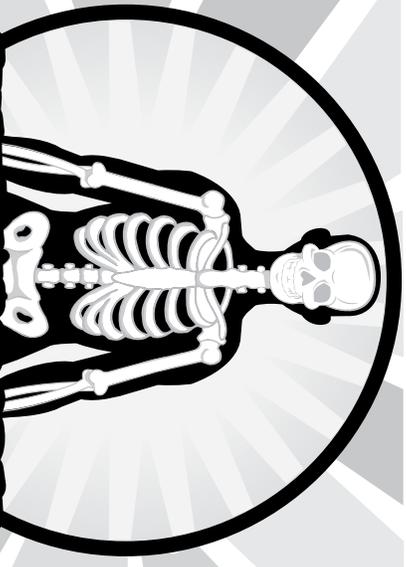


ROCKS & MINERALS



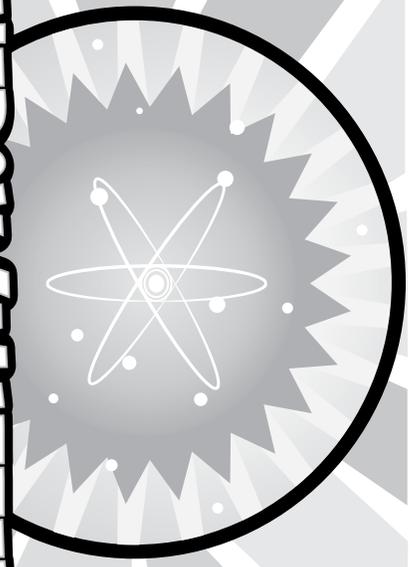
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HUMAN BODY



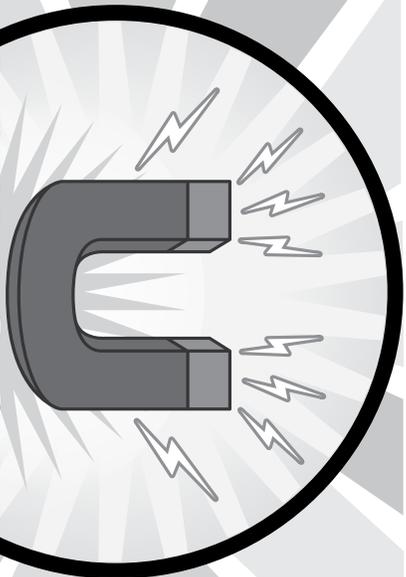
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