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Activity One



Design Ten New Trivial Pursuit Cards!

Many of you have probably played the game “Trivial Pursuit” before. If you haven’t, it’s a game that has knowledge-based **QUESTIONS** on cards. Teams ask each other questions that are on the cards. If your answer is correct, you move your game piece ahead on the board.

Now it’s time to create your own cards...

Using information you have learned about the human body, come up with **TWO** new cards. Each card has **FOUR** questions on it. This means you will come up with eight questions and eight answers in total.

Use the front and back card format below as a guideline for setting up your questions and answers!

FRONT	SCIENCE	_____
	SCIENCE	(Question)
	SCIENCE	_____
	SCIENCE	(Question)
	SCIENCE	_____
	SCIENCE	(Question)
	SCIENCE	_____
	SCIENCE	(Question)

BACK	SCIENCE	_____
	SCIENCE	(Answer)
	SCIENCE	_____
	SCIENCE	(Answer)
	SCIENCE	_____
	SCIENCE	(Answer)
	SCIENCE	_____
	SCIENCE	(Answer)

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Activity Two



Write a Play about Cells

For this activity, you will write a play on The Parts of a Cell

STEP ONE:

Choose at least five characters to include in your play. Here are some suggestions for characters:

- Cell membrane
- Cytoplasm
- Nucleus
- Mitochondria
- Lysosome
- Narrator

STEP TWO:

Prepare for writing by doing some **research** on the parts of the cell. (Remember – this is about cells in the *human body*.) You may use information from the readings, or information you find in the library, in an encyclopedia, or on the Internet. You will need enough facts to write your play and make it interesting for your audience to watch.

STEP THREE:

Write a dialogue for your play using a script format, like this...

Narrator: _____

Character 1: _____

Character 2: _____

Character 1: _____

Character 2: _____

Your dialogue should take the audience through what the parts of the cell are, where they are located, and what each part does.

Have fun and use your imagination. What creative costumes can you come up with which would make your play even more interesting to watch?



Activity Three

Newspaper Article

You have just been hired as a news writer for your local newspaper. Phone calls and email messages are pouring into your office about a most unusual sighting – a **SPECIALIZED CELL** of the human body has been seen in your area!

You will write a news article about this sighting, *but first*, you must do some research to find out what a specialized cell is.

RESEARCH: Using the reading passage, or information from the library or the internet, collect some interesting facts about specialized cells of the human body.

Remember that specialized cells are found in only multicellular organisms.

There are different types of specialized cells. Muscle cells and nerve cells are examples. These cells have a specific function (job to do) in the body which makes them different from other cells. (Muscle cells contract. Nerve cells carry electrical messages.)

As you collect your information, decide **which kind** of specialized cell has been sighted. You should find enough information so that you can write a **one-page article** for the newspaper.

YOUR NEWSPAPER ARTICLE should include the following information:

- **A catchy HEADLINE**
- **Basic information about the specialized cell**
- **WHAT it looks like**
- **WHAT its main job is**
- **HOW it is different from other cells in the human body**
- **WHERE in town it was seen! (Be creative!)**
- **Any pictures or illustrations that are needed**

Be imaginative and have fun!

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Activity Four

Make a Memory Game



For this activity, you will work with a partner to design a MEMORY GAME. In this game, players take turns turning over two cards at a time. They try to memorize which cards are where. Each player tries to turn over cards to make a matching pair. At the end of the game, the player with the most matches wins.

Your memory game will use illustrations matched with words. Your pictures will be of different kinds of human body **organs**.

Part A

Use **twenty** square pieces of paper or Bristol board (ask your teacher for this). With your partner, come up with **ten examples** of different **organs**. On one side of each card, draw a picture of one organ. On one side of the matching card, write the name of the organ.

When you are finished making the cards, you should have TEN cards with pictures and TEN cards with words.

Part B

Now you're ready to play your game!

How to Play:

1. Play against one other person.
2. Flip all the cards over so that you cannot see them. Line them up in rows.
3. First player takes a turn: flip over two cards. Are they a matching picture and word? If NO, then flip them over and the next player takes a turn.
4. If the two cards match up, then keep the match. You get another turn!
5. The winner is the player who has flipped over the most matches.

Challenge!

Instead of writing the name of the organ on the matching card, write down the **organ system** of which it is a part!

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Activity Five

Writing about the Skeletal System

Below is a list of terms that relate to the skeletal system. Choose FIVE terms that link well together, and write a PARAGRAPH about the skeletal system using all four words.

marrow

red blood cells

joint

support

spongy

protection

calcium

layer

hardness

ribs

cartilage

skull

compact

movement

backbone

skeleton

Remember that a good paragraph has the following:

- Begins with a topic sentence
- Follows with the main points
- Ends with a concluding sentence

Use the space below to write your paragraph.

A large rectangular area with a dashed border, containing ten horizontal lines for writing a paragraph.

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Activity Six

Muscles and Exercise

We have read that muscles and bones work together to allow our body to move. Muscles work in pairs by contracting and lengthening to create movement. Our muscles also give our body shape.

In order to **KEEP OUR MUSCLES HEALTHY**, we must eat healthy foods that are filled with nutrients. We must also be **active**. We can be active in many different ways such as playing sports, dancing, lifting weights, swimming, jogging, doing aerobics, etc.

Think about all the ways you can be active in your life, either at school or at home. Complete the chart below with exercise activities. List the main muscles that are exercised by this activity, and how much time is needed to complete the activity. List any other health benefits you can think of.

Activity	Main Muscles Exercised	How Much Time Needed?	Other Health Benefits