

2023-2024 Educational Year, Potpori Revision of 9th Unit (Science) for 8th Grade Students

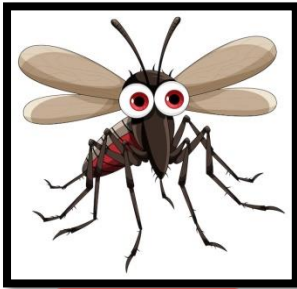
Name, surname:

Class / Number:

Let's check your vocabulary knowledge :)

1. Match the following words with the correct pictures. (3 points each.)

a. Solar panel	b. Cell	c. Heat	d. Mosquito	e. Compass
f. Fossil	g. Scientist	h. Prize / Award	i. Planet	j. Test tubes



1- _____



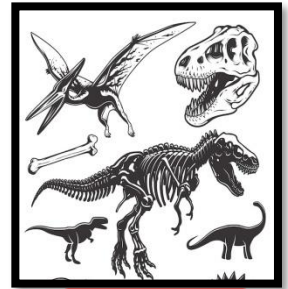
2- _____



3- _____



4- _____



5- _____



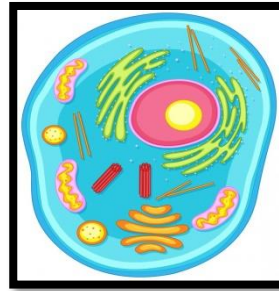
6- _____



7- _____



8- _____



9- _____



10- _____

2. Read the sentences and guess the correct words. (2 points each.)

a. Inventor	b. Astronaut	c. Environment	d. Discoverer	e. Achievement
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1. A person who produces / makes new things. People never had these things in their lives before.

2. Being so successful in a field.

3. A person who travels to Moon or other planets in a spaceship to make some research and try to find life forms. He / she usually works in a place with zero gravity.

4. A person who finds something that is unknown to people before. That thing was already there, but that person makes it familiar with everybody.

5. The natural world, area or place in which people, animals, plants and other things live.

3. Choose the correct bold words. (2 points each.)

1- In my opinion, 3D printer is the most useful **disease** / **device**, because it is possible to make new limbs, organs or body parts (leg, arm, ear, mouth, head) with it.

2- Alexander Graham Bell **discovered** / **invented** the phone, but at that time, phones could only make simple calls, but today's smartphones can connect to the Net, take pictures and send files.

3- Scientists need a quiet, clean and technologic place to conduct their experiments, that is why a **lab** / **museum** is the best place for their research.

4- If a person wants to be a doctor, s/he needs to study **engineering** / **medicine** at the university.

5- Chemists perform experiments to create and improve products, such as pills and plastics. Physicists explore space, time, energy, and matter, but both chemists and physicists have lots of **common** / **different** things. They both make developments for our environment, help doctors and work hard for a better world. They like and study on similar things.

4. Match the questions with the correct answers. (3 points each.)

1. How often do you visit an archeology museum?
2. What do I need to see / observe the stars or other planets in the sky?
3. Can you tell me the best and easiest way to protect the environment?
4. What is in your hand?
5. Which animal kills the most people every year?
6. How do the solar panel systems produce energy?
7. I easily got lost in the city I moved to. Is there a way to find the ways in a quickly?
8. Do you want to be a scientist in the future?
9. Who is that woman over there?
10. Can you tell me one of the disadvantages of 3D printer?

- a. A telescope.
- b. Sure. You can use the navigation system in your smart phone.
- c. Yes, I do, but I know that I should study day and night.
- d. She is Marie Curie, a successful scientist who won two Nobel prizes.
- e. Of course, I can. It is too expensive.
- f. You may find this answer unbelievable, but it is mosquito. That creature is so small but too dangerous for human being.
- g. Once a month.
- h. It is a chemical substance. I'm going to heat it in a test tube.
- i. They take and store sunlight and transform it into electric supply to use at home.
- j. I think, I can. It is planting trees. That is a simple way for a better nature and world.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10.

Let's check your reading comprehension :)

5. Read the text below and write T (True) or F (False). (4 points each.)



Pelşin

Hello, everybody. As you see, I'm holding a test tube with some chemical substance in it. I need to make an experiment about the effect of acidic drinks on human health. That is my routine. I wake up too early in the morning and come to research center in the university. I spend more than 12 hours every day for developing new ways to cure some diseases, working on DNA and trying to improve new devices we use in science.

In my family, we all are fond of being a part of science. Şindar is my sister. She is an archaeologist. Sometimes, she makes me think about useful and alternative ways on origins of living beings. My brother, Baran is an inventor. He spends his life to produce microchips to stop heart attacks. My cousin, Yağmur is an astronaut working for NASA. We always have video chats with her, because she can't visit us very often. At the last time we got in touch with each other, she said to me "I'm so excited. I can't give you the details, but are you ready for living on another planet." That is unbelievable. That is all for now, friends. Please, protect your environment. Learn and read a lot and stay with science.

1- Pelşin hates working in a lab, because science never attracts her attention at all.

2- Pelşin's family members are usually busy with contributing to life. Their job is trying to find out best ways for people to live in a better world in a better way.

3- Şindar's main interest is fossils. She can learn and teach lots of things to us about past lives and history.

4- Baran usually works hard to find life forms on other planets.

5- Yağmur may be interested in gravity, spaceships, ice cubes found on Mars, space station on Moon and robotic satellites.

Let's check your test taking skills :)

6. Choose the correct answers.

That may seem a difficult question to answer, but it is not. Do you know why? If you make some research on both of them, you will see that the second one is genius and more successful, but he was too poor at that time (had no money), that's why he could not patent most of his inventions. The first one is not bad or unsuccessful, but I prefer the second.

1- Which of the following questions is answered in the text above?

- A) Was Thomas Edison a scientist?
- B) Is it true that Nikola Tesla died while doing an experiment?
- C) Which one is a better inventor? Thomas Edison or Nikola Tesla?
- D) Did Thomas Edison work at the same country with Nikola Tesla?

Leila: What do you want to do after graduating from the university?

Sam: I'm not sure, but I always find black holes eye-catching. I may work on discovering and learning more about them.

Mary: As an environmentalist, do you think we can leave a better world for the next generations?

Zack: If we do the right things, I do, but if we don't pay attention to protecting wild life, that is impossible, because wild life (animals-plants) is as much important as human beings.

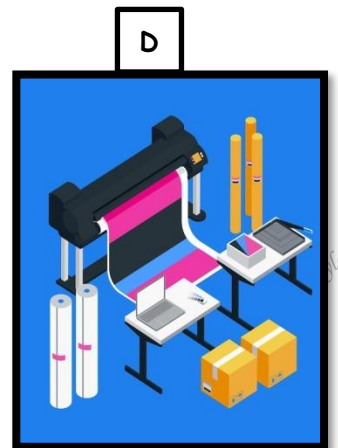
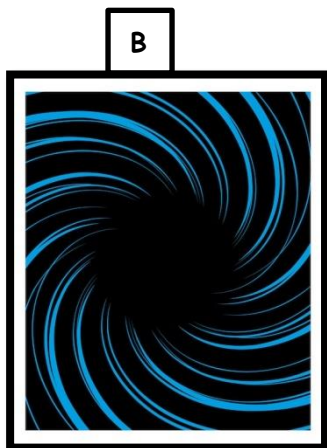
Gumgum: What are you doing there?

Beroş: I'm working on a device which can charge your smart phone with solar power.

Hurik: Can you tell me the most useful device in history?

Tırşık: Sure. It is printing press. Thanks to it, we can produce lots of documents and books easily and quickly. Books are still the best materials to learn about us and universe.

2- Which of the following is NOT mentioned in the conversations above?



ANSWER KEY

1. Match the following words with the correct pictures. (2 points each.)

1. d	2. c	3. i	4. h	5. f
6. g	7. a	8. j	9. b	10. e

2. Read the sentences and guess the correct words. (2 points each.)

1. a	2. e	3. b	4. d	5. c
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3. Choose the correct bold words. (3 points each.)

1. device	2. invented	3. lab	4. medicine	5. common
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4. Match the questions with the correct answers. (3 points each.)

1. g	2. a	3. j	4. h	5. f	6. i	7. b	8. c	9. d	10. e
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5. Read the text below and write T (True) or F (False). (4 points each.)

1. False	2. True	3. True	4. False	5. True
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6. Choose the correct answers.

1. C	2. A
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