

UNIT 12: LIFE ON OTHER PLANETS

A. PHONETICS

I. Add *ful* or *less* to these words to make an adjective (some words can use either suffix). Then mark the stressed syllables.

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|-------------|-------|-------------|-------|
| 1. sound | _____ | 11. wonder | _____ |
| 2. harm | _____ | 12. weight | _____ |
| 3. hope | _____ | 13. speech | _____ |
| 4. thought | _____ | 14. power | _____ |
| 5. help | _____ | 15. breath | _____ |
| 6. colour | _____ | 16. peace | _____ |
| 7. water | _____ | 17. home | _____ |
| 8. forget | _____ | 18. beauty | _____ |
| 9. care | _____ | 19. success | _____ |
| 10. delight | _____ | 20. emotion | _____ |

II. Complete the sentences with the words in the box. Then read the sentences aloud.

useless	thoughtful	flightless	meaningful	purposeful
tearless	truthful	wonderful	homeless	careless

- The data isn't very _____ to anyone but a scientist.
- Daisy is absolutely _____! She isn't afraid of anyone or anything.
- Looking at the Earth from outer space is _____, especially at night.
- One of the _____ birds we studied is the ostrich.
- My score was low because I made some _____ mistakes.
- What a lovely present! That was very _____ of you.
- Mom and Dad taught us that it is important to be _____.
- They are going to build temporary accommodation for the _____.
- You must remember to recharge your phone. Without its battery, it's _____.
- He desired to lead a more _____ life.

B. VOCABULARY AND GRAMMAR

I. Match the planets with their descriptions.

- | | |
|------------|---|
| 1. Mercury | a. It is nicknamed "The Red Planet" because of the rust on its surface. |
| 2. Venus | b. It is often called "The Water Planet". |
| 3. Earth | c. It has a rocky surface. It is the smallest in our solar System and the closest to the sun. |
| 4. Mars | d. It is the largest planet in our solar System and the fifth planet from the sun. |

5. Jupiter	the sun. It is composed of mostly gas and has a great red spot. e. It is the coldest planet in our solar System and is the seventh planet from the Sun. It is a giant gas planet and it rotates on its side.
6. Saturn	f. It is the hottest planet in our solar system and is the closest planet to Earth in size.
7. Uranus	g. It has a cold surface, is blue in color from the gas in its atmosphere and is the furthest from the sun.
8. Neptune	h. It is the second largest planet and is known best for its rings made of ice and rock chunks.

II. Complete the sentences with the words or phrases in the box.

galaxy planet flying saucer solar system astronaut
outer space space buggy weightless aliens traces

1. A _____ is sometimes referred to as an Unidentified Flying Object (UFO).
2. An _____ is a person who is trained for travelling in a spacecraft.
3. Researchers made the amazing findings of _____ of water on Mars.
4. A _____ is a vehicle used for driving on the moon.
5. Our _____ is made up of the sun and all the objects that travel around it.
6. Earth is the only known to be habitable to _____ life.
7. Do you believe _____ exist on other planets?
8. Spacecraft are vehicles used for travel in _____.
9. Our _____, the Milky Way, consists of 100 - 400 billion stars.
10. Astronauts on the orbiting space station are _____ because they do not experience a force of gravity.

III. Choose the best answers to complete the sentences.

1. _____ is the name of a planet that matches the Roman God of the sea.
A. Mars B. Sun C. Venus D. Neptune
2. Discovered in the Kuiper belt beyond Neptune, _____ is a dwarf planet.
A. Jupiter B. Pluto C. Saturn D. Mercury
3. Unidentified Flying Objects or “_____” haven’t been formally recognized.
A. UFOs B. spaceships C. space shuttles D. spacecraft
4. Some people believe the _____ was created by a big explosion.
A. galaxy B. atmosphere C. universe D. outer space
5. _____ is named after the Roman God of war.
A. Uranus B. Jupiter C. Mars D. Venus

6. A (n) _____ is a scientist who studies the stars and planets.
A. captain **B.** alien **C.** astronaut **D.** astronomer
7. Astronauts _____ around in space because there is no gravity in space.
A. fly **B.** float **C.** walk **D.** trace
8. In a weightless environment, everything floats _____.
A. uncontrollably **B.** downwards **C.** smoothly **D.** constantly
9. On June 2, 1966, Surveyor 1 becomes the first U.S. _____ to land on the moon.
A. flying saucer **B.** airplane **C.** spacecraft **D.** helicopter
10. Mars is the most _____ planet in our Solar System besides Earth.
A. powerful **B.** notable **C.** appropriate **D.** habitable

IV. Complete the sentences using may (not) or might (not). Where two answers are possible, write them both.

- Aliens _____ exist in ways that we can't even imagine.
- Many scientists think that there _____ be life on other planets.
- Scientists said that farthest stars in Milky Way _____ be cut by another galaxy.
- I _____ go to the party because I'm not feeling very well.
- In the future, it _____ be possible to build a spaceship that can travel to distant planet.
- I have an appointment at the dentist's at 4.00. _____ I leave half an hour early?
- Astronomers thought the dwarf planet 2007 OR10 _____ have a moon.
- If we found water on Mars, we _____ use it to make rocket fuel.
- The examiner says we _____ leave when we've finished.
- Some scientists think aliens _____ have two legs, or any legs at all.

V. Underline the correct answers.

- Levy asked me **what / why** the future life looked like.
- Mr. Brown asked me **if / how** I had ever visited NASA.
- Dr. Memphis asked me where humans **could / may** live besides Earth.
- Stoner asked me if Voyager 2 **had passed / has passed** Saturn.
- Davy asked me what the aliens **will / would be doing** when he might saw them.
- Christina asked me **where / if** scientists had responded to the signs from outer space.
- Norman asked me **when / whether** Mercury had been discovered.
- Jacob asked me how much I **knew / had known** about the Red Planet.
- Richard asked his teacher **whether / why** there was life on other planets.
- Roy asked me if I **was meeting / had met** Val the previous day.