أوراق عمل مفردات وقواعد استكشاف الفضاء



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ⇦ المناهج الإماراتية ⇦ ⇦ لغة انجليزية ⇦ الفصل الأول ⇦ ملفات متنوعة ⇦ الملف

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Unit 2: Space Exploration – Vocabulary & Grammar

Name: _____ Class: _____

A. Vocabulary for Dictation and Memorization

English word/phrase	Arabic meaning
space	الفضاء
space exploration	استكشاف الفضاء
solar system	النظام الشمسي
Earth	الأرض
Moon	القمر
Mars	المريخ
lunar	قمريّ
lunar exploration	استكشاف القمر
lunar landing	الهبوط على القمر
launch	إطلاق
launch pad	منصّة الإطلاق
land	يهبط
rocket	صاروخ
space rocket	صاروخ فضائي
space capsule	مركبة فضائية صغيرة
lunar capsule	مركبة قمرية صغيرة
astronaut	رائد فضاء
spacesuit	بدلة فضاء
satellite	قمر صناعي
flight	رحلة جوية
space flight	رحلة فضائية
gravity	الجاذبية
zero gravity	انعدام الجاذبية
upward	إلى الأعلى
orbit	مدار
ISS / International Space Station	محطة الفضاء الدولية
space station	محطة فضائية
crew	طاقم
mission	مهمّة
space mission	مهمّة فضائية
equipment	معدات
technology	تكنولوجيا
air supply	إمداد الهواء
time capsule	كبسولة زمنية
space time capsule	كبسولة زمنية فضائية
Golden Record	السجل الذهبي
disc	قرص
animal sounds	أصوات الحيوانات
greeting	تحية
message	رسالة
information	معلومات
image	صورة
research	بحث

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scientist	عالِم
experiment	تجربة
plant experiment	تجربة نباتية
seeds	بذور
plant	نبات
grow	ينمو

vegetable	خضروات
corn	ذرة
potatoes	بطاطا
zucchini	كوسا
sunlight	ضوء الشمس

C. Grammar Practice

1. Choose the correct form

1. If the crew (had / has) more time, they would study another plant.
2. Would you (bring / brought) a camera if you visited the space station?
3. If I (were / am) an astronaut, I would keep a notebook.
4. The plants would grow well if they (got / get) enough water.
5. If the rocket launched today, we (would watch / watched) its flight.
6. Where would you go if you (could / can) travel into space?

2. Complete each sentence using the verb in brackets

1. If our class _____ (design) a time capsule, we would include a greeting.
2. If the crew _____ (have) more sunlight, the seeds would grow faster.
3. I would feel proud if I _____ (see) Earth from the ISS.
4. If a scientist _____ (find) an unusual result, she would share it with the crew.
5. We _____ (not / launch) the rocket if the weather were unsafe.
6. If he _____ (not / bring) enough water, the plants would not grow well.

4. Correct the error in each sentence

1. If I would live on the ISS, I would study the plants.
   _____
2. She would take a photo if she see Earth.
   _____
3. If he were an astronaut, he will visit the Moon.
   _____

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4. Would you travelled in a space capsule if you could?
_____

5. Combine the sentence halves

Write one complete second conditional sentence for each pair. Add a comma where needed.

1. If the crew had more seeds, / they would test another plant.
_____
2. I would ask the scientist / if I visited the space station.
_____
3. If we could send a message to space, / what would you say?
_____
4. The vegetables would grow more slowly / if they received less water.
_____

2. Complete the passage using words from the box

Word bank: capsule sunlight experiment astronaut water seeds ISS vegetables

An _____ on the _____ prepared a plant _____. The crew placed _____ in a small growing area. They gave some plants more _____ and others more _____. The team hoped to grow fresh _____ during a future mission. The astronaut recorded the results before returning to the _____.

3. Complete each sentence with a suitable vocabulary word or phrase

1. A vehicle that travels through space is a _____.
2. The curved path followed by a satellite around Earth is an _____.
3. A long journey made by a spacecraft can be called a space _____.
4. A protective suit worn by an astronaut is a _____.
5. Information, sounds, and images can be saved on a _____.
6. Plants need light and _____ to grow.

E. Reading and Comprehension

Read the passage.

On the ISS, a fictional crew called Horizon began a small vegetable study. They planted the same kind of seeds in several containers. One group received more sunlight, while another received less. The crew also gave the plants different amounts of water and recorded what they noticed in a notebook. They wanted to learn which conditions helped the plants grow

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well. During a meal, the astronauts discussed future space missions. They imagined taking fresh vegetables on a longer journey and wondered how a larger space station might support more plant experiments. Their results were only an early test, but the crew felt proud of their careful research.

1. Multiple choice

1. Where did the Horizon crew carry out the study?
   A. On Mars B. On the ISS C. On the Moon

2. What did the crew change for the plants?
   A. The amount of sunlight and water B. The kind of notebook C. The crew size

3. Why did the crew record what they noticed?
   A. To remember their observations B. To send a greeting C. To plan a rocket launch

2. True or false?

1. The crew planted different kinds of seeds in every container. _____

2. The astronauts discussed possible future space missions. _____
   The crew described its study as a final answer to every question.____

3. Short answers

1. What two growing conditions did the crew change?
   _____

2. What did the crew use to record its observations?
   _____

3. What did the astronauts imagine taking on a longer journey?
   _____

2. True or false?

1. In the standard second conditional, the if-clause uses the past simple.

2. Use a comma when the result clause comes first. _____

3. Would not can be written as wouldn't. _____

3. Put the words in the correct order

1. would / if / I / take / a camera / visited / the ISS / I
   _____

2. the plants / if / more water / would / they / had / grow
   _____

3. would / what / include / you / in a time capsule
   _____

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