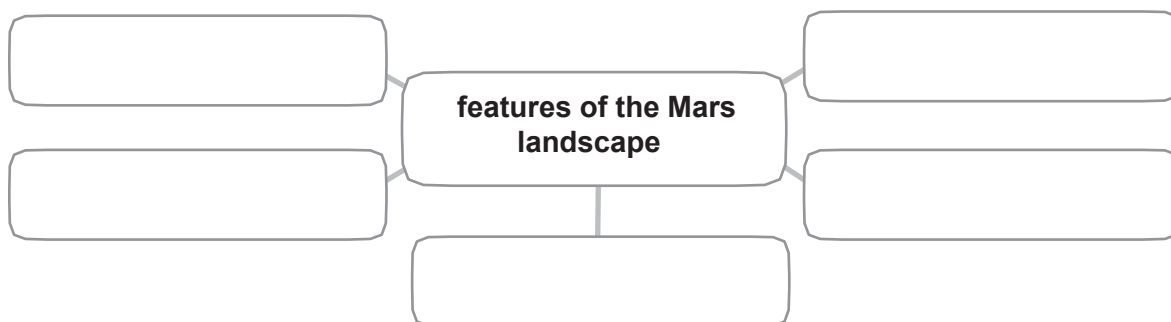


## Unit 6

### Vocabulary and Grammar **Extend** Worksheet 3.6.C

**1a. Unscramble the words in the box.** Then complete the web with the **five** words that relate to features of the Mars landscape.

reatshmope	ustd ssortm	iec	coeasn	plnais
vrrore	lvaeysl			



**1b. Now write sentences using each word from the web in Activity 1a.**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**2. Complete the sentences with a word from Unit 6.** Use the first letter to help you.

1. Astronauts need to have a strong b\_\_\_\_\_ in maths and science.
2. I would love to get the c\_\_\_\_\_ to go to NASA Space Camp.
3. Both Earth and Mars tilt on their axes at an angle of about 24 d\_\_\_\_\_.
4. New technologies will l\_\_\_\_\_ to more discoveries on Mars.
5. Scientists are looking for real p\_\_\_\_\_ that life is possible on Mars.
6. Polar caps are v\_\_\_\_\_ areas covered with ice.
7. Mars and Earth are very similar in many a\_\_\_\_\_.
8. S\_\_\_\_\_ images can help us understand the behaviour of the atmosphere.

**3a. Complete the table.**

	Verb	Noun	Adjective
1	X	astronomer _____ (subject)	X
2	_____	detective (person) detection	detected/undetected
3	dust	_____	dusty
4	lead	_____ (person) leadership	leading
5	require	_____	required
6	X	season	_____

**3b. Read.** Complete the sentences with words from Activity 3a.

1. If you want to work for NASA you need to show you have good \_\_\_\_\_ .
2. My cousin studied \_\_\_\_\_ and now he works as a researcher.
3. One of the \_\_\_\_\_ for being an astronaut is having good eyesight.
4. The \_\_\_\_\_ on Mars is red. I wonder why.
5. With a good telescope, you can \_\_\_\_\_ Saturn on a clear night.
6. In my country, the \_\_\_\_\_ in which you can see the night sky most clearly is winter.

**4a. Read the dialogue between two students about their *Make an Impact* project (design and write a postcard from outer space). Complete the missing words.**

- Lucas: Where is (1) \_\_\_\_\_ furthest place space that we have travelled to?
- Fatima: I'm not sure. But Curiosity, the six-wheeled robot on Mars, is travelling further (2) \_\_\_\_\_ the older space rovers.
- Lucas: OK, so Mars is a good choice.
- Fatima: I agree. But we need to make sure we do our research (3) \_\_\_\_\_ accurately (4) \_\_\_\_\_ our last project, because we made mistakes.

Lucas: I know. The problem is there is so much information about Mars. The way to use our time the (5) \_\_\_\_\_ efficiently is to focus on just a few facts.

Fatima: So we'll have time to check them carefully. Good plan!

Lucas: Also, we need to write (6) \_\_\_\_\_ neatly (7) \_\_\_\_\_ possible, so everyone can read the text easily.

Fatima: Yes. Luckily, you draw (8) \_\_\_\_\_ most brilliantly out of everyone in our class, so the picture on the postcard will be awesome!

**5. Complete the second sentence so that it has a similar meaning to the first sentence.**

Use the word in **bold** and between one and five words.

1. They only developed rovers because the government decided to invest money.

**NOT**

They \_\_\_\_\_ if the government hadn't decided to invest money.

2. Space programmes need a lot of money, so missions can't happen often.

**HAD**

Missions would happen more often \_\_\_\_\_ more money.

3. We learnt a lot about weather system when we started researching space.

**MIGHT**

If we hadn't researched space, we \_\_\_\_\_ much about weather.

4. We believed Pluto was a planet because we hadn't explored enough.

**DISCOVERED**

If we had explored more, we \_\_\_\_\_ Pluto wasn't a planet.

5. I can't see Mars because my telescope isn't good enough.

**BETTER**

I would be able to see Mars if \_\_\_\_\_ .

6. Scientists once believed that for a world to be habitable, it had to be the right distance from the sun.

**WASN'T**

It was thought that a world couldn't be habitable \_\_\_\_\_ the right distance from the sun.

**6a. Read and circle the correct word.** Then answer the questions. Use the word in **bold** and at least one word from the box.

<b>advance</b>	<b>energy</b>	<b>equip</b>	<b>gases</b>	<b>life</b>	<b>light</b>	<b>mission</b>
<b>organisms</b>	<b>plants</b>	<b>proof</b>	<b>requirement</b>	<b>satellite</b>	<b>solar</b>	
<b>system</b>	<b>temperature</b>	<b>travel</b>	<b>water</b>			

1. What is **atmosphere** / **gas** and why is it necessary for human life?

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2. What scientific tasks do you think the **instruments** / **technology** on the Mars rover perform?

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3. What **aspiring** / **fundamental** questions do scientists want to answer by exploring space?

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**6b. Work in pairs.** Share answers with your partner. Then ask your partner three more questions using the words in Activity 6a.

7. Read and circle. Then complete the table.

Self-assess	
Have I used the words in <b>bold</b> ?	Yes / No
Have I used present and past conditionals correctly?	Yes / No
Have I used comparative adverbs correctly?	Yes / No
If you have answered 'no' in any of the questions, look at Unit 6 of your <i>Impact</i> Student's Book, Workbook and Grammar Book for review.	
Now write three things you remember from Unit 6.	
1. _____	
2. _____	
3. _____	