

Unit 2

SPACE



Lesson 1



Unit 2

Lesson 2E

What's life like on Mars ?

Pages : 45,46,47,48

Dates : Friday, November 17, 2023



Lesson Objectives

Let's start

01

To read a text and fill the gaps with the correct details.

02

To listen to the audio and answer the questions.

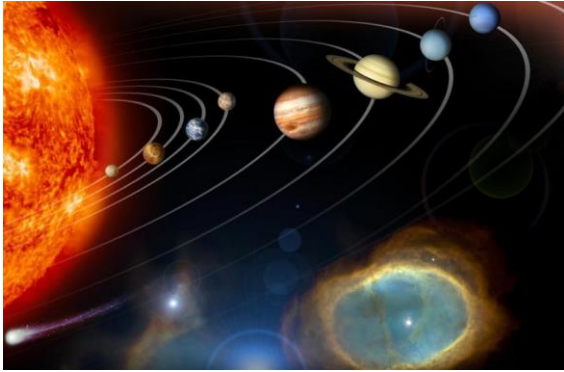
03

To identify the main nouns and the details.

04

Vocabulary : 2E

planets



temperature

The measured amount of heat in a place or in the body



climate

The general weather conditions usually found in a particular place



weather

The conditions in the air above the earth such as wind, rain, or temperature, especially at a particular time over a particular area



extreme

very large in amount or degree



Four Square Vocabulary

03:00

Draw a Picture

Write a Sentence



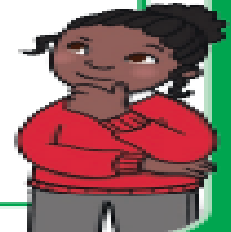
My Word Is...



Synonym

Meaning

Antonym



List all the difficulties for living on Mars





2E

ENGLISH

What's life like on Mars?

- What do you know about Mars?
- What do you think life would be like on Mars?
- How can you survive on this planet?



READING

1 Read the text and fill in the spaces with the correct details.

It is the year 2055 and planet Earth has become over-populated. The solution to this problem is to find a home on another planet. Mars is the choice. Space travel is the new goal for the UAE and our spaceship, *Explorer One Dubai*, is on its way there now. However, an urgent message was just sent to Mission Control about an engine failure on the spaceship.


- 1 The year is **2055**
- 2 Earth has become **over-populated**
- 3 The solution to this problem is to find a **home** on another **plane**
- 4 The name of the spaceship is **Explorer One Dubai**
- 5 Mission Control received an **urgent engine failure message** about an

Did You Know?

Some believe that Mars might have had life in the past and may even have living things that exist there today.



LISTENING

- 2  Listen to the radio alert from the mission to Mars and answer the questions.



- 1 What is the name of the spaceship?
- 2 Where is it from?
- 3 What has happened to the spaceship?
- 4 Is the crew OK? How do we know?
- 5 What will they do now?

1- Explorer One Dubai

2 - Dubai.

3 -(there was) an engine failure

4- Yes, they are ok / we are all safe but Explorer One Dubai is damaged from the crash.

For now we will need to survive here.,

5 -They will try to survive.



2E

What's life like on Mars?

1 Look at each vocabulary word in the box. Fill in the spaces with the correct word.

planets • temperature • climate • gravity • weather • extreme • condition

- 1 The doctor checked thecondition..... of the sick patients on Mars.
- 2*Extrem*..... weather on Mars will make it hard for us to survive there.
- 3 Earth, Venus, and Mars are types of*planets*....
- 4*Temperature*..... is the measure of how warm or cold something is.
- 5 Some say*chang*..... change is an important issue on our planet.
- 6 If you don't like the rainy*weathe*....., you shouldn't go out this evening.
- 7 The*gravit*..... on both *r* planets is very different. If you weigh 100 lbs on Earth, you would weigh *y* 38 lbs on Mars.

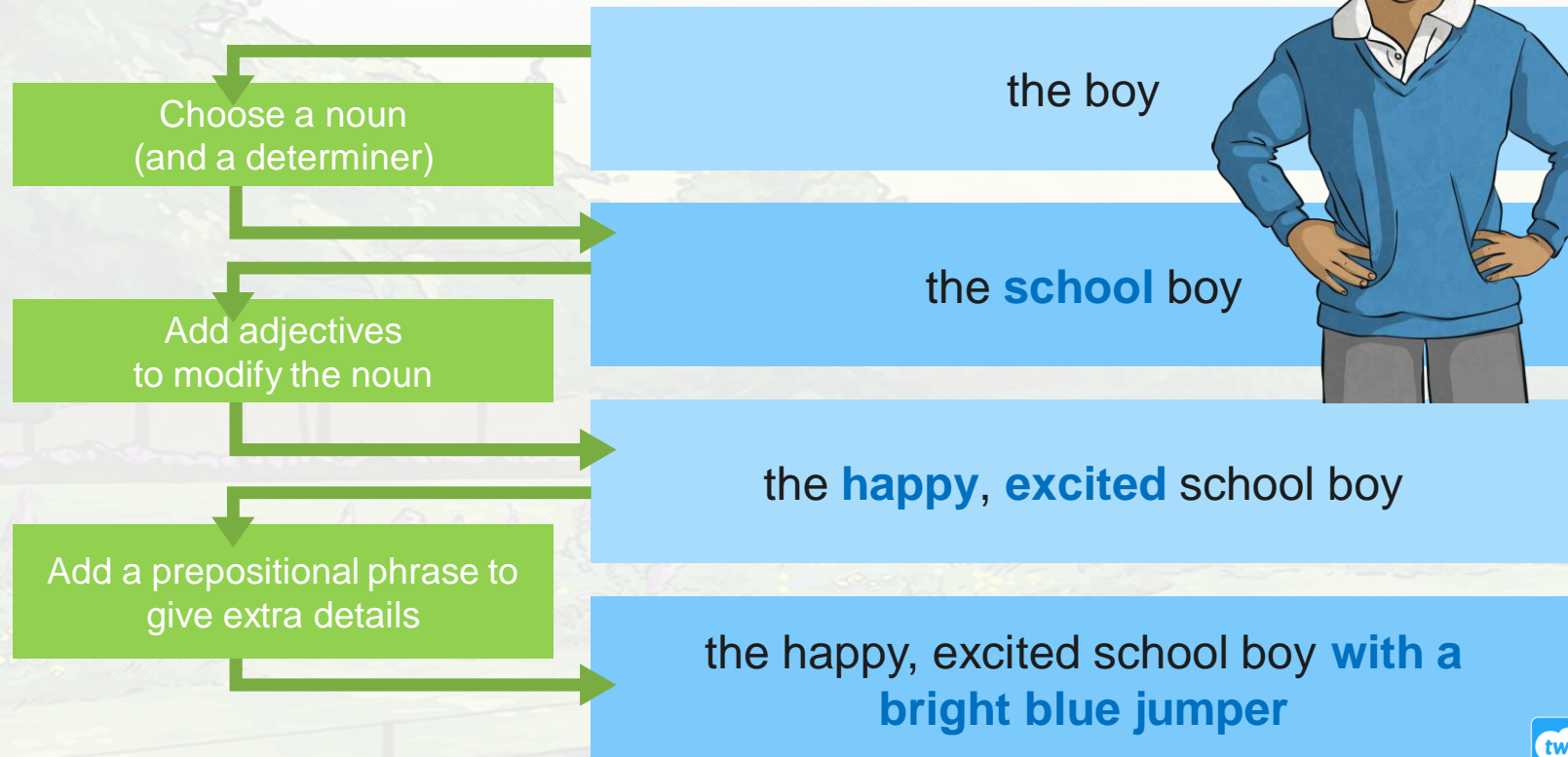


Expanded Noun Phrases

twinkl

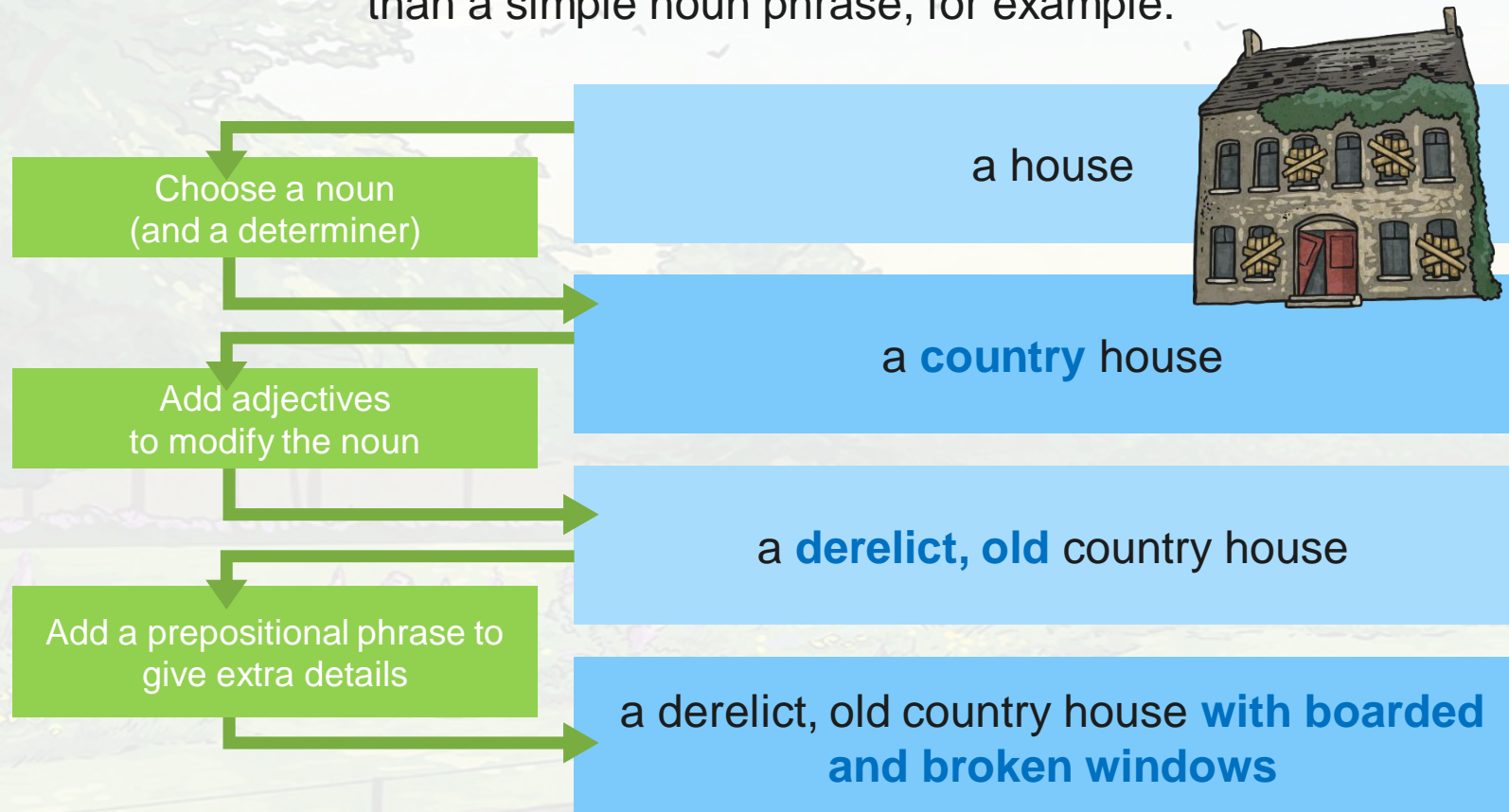
What Is an Expanded Noun Phrase?

An expanded noun phrase gives much more detail than a simple noun phrase, for example:



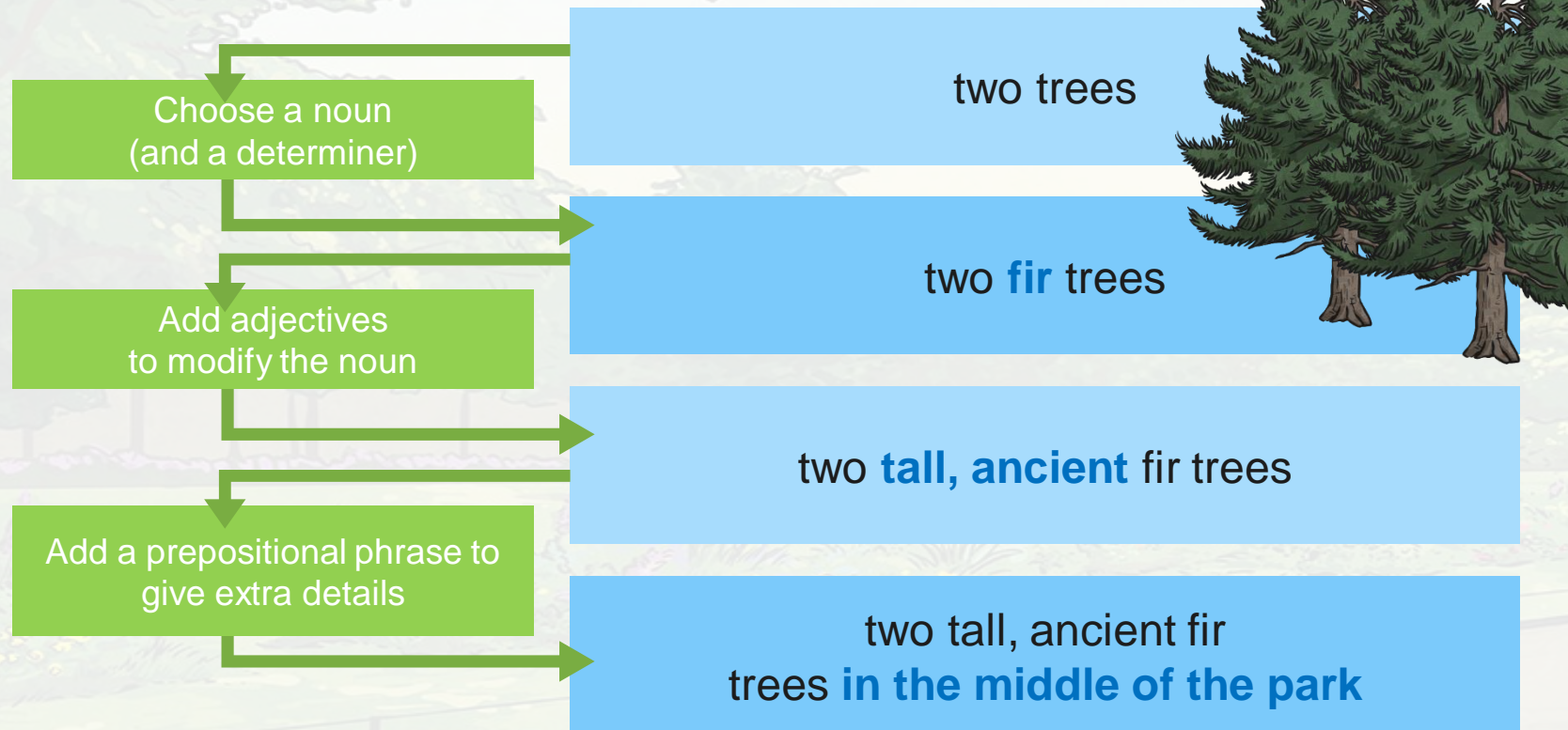
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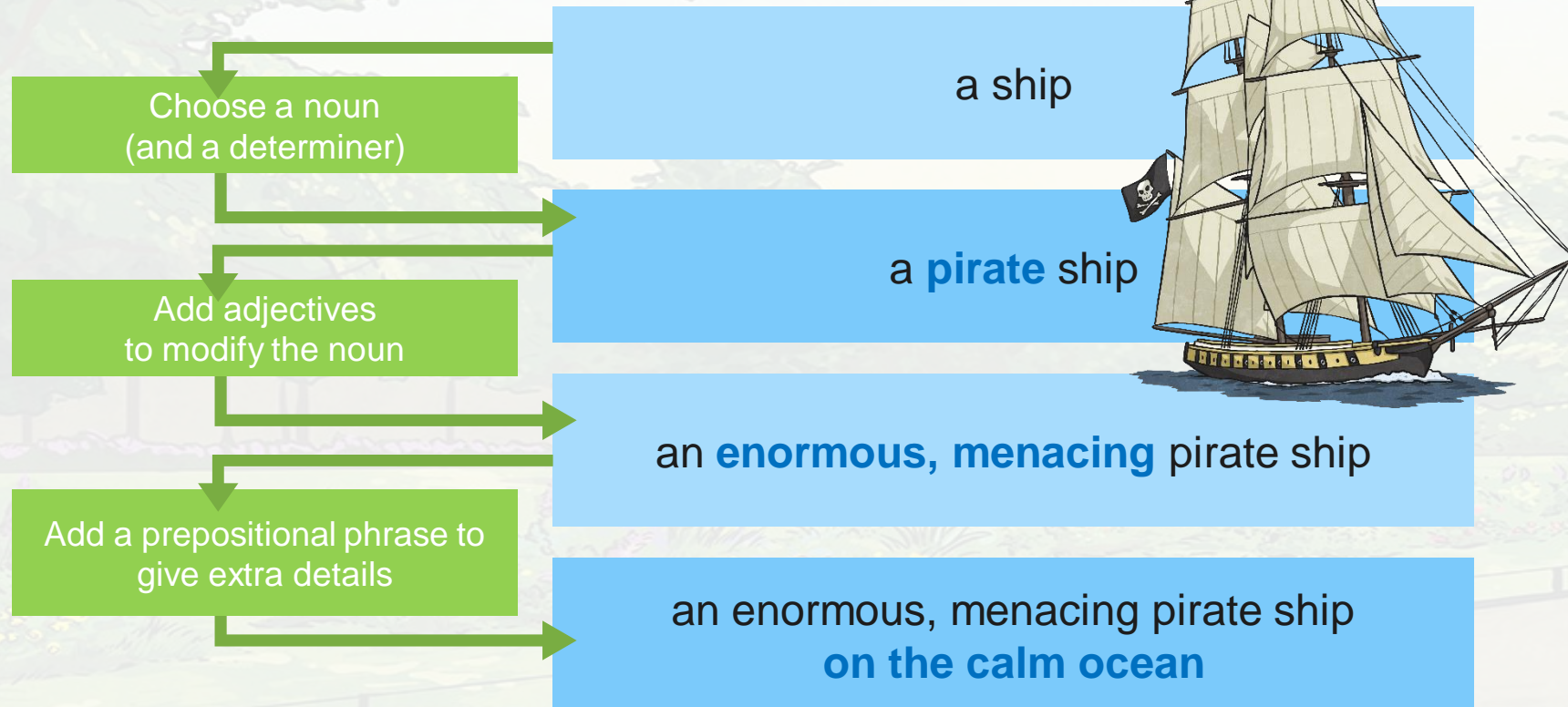
What Is an Expanded Noun Phrase?

Following the steps below, how could you expand this noun phrase?



What Is an Expanded Noun Phrase?

Following the steps below, how could you expand this noun phrase?



What Is an Expanded Noun Phrase?



Following the steps below, how could you expand this noun phrase?

Choose a noun
(and a determiner)

an eagle

Add adjectives
to modify the noun

an **American** eagle

Add a prepositional phrase to
give extra details

an **intimidating, predatory** American eagle

an intimidating, predatory American eagle
with a wide wingspan

- 2 Look at the example of an informative editorial text about Mars. Underline each noun phrase.

Mars, The Mysterious Red Planet

Mars is a tiny, rocky planet that is very strange for many of us humans on Earth. It is also known as the Red Planet because it is covered with rust-like dust. There are no oceans there and the temperature is always very cold. The air is so thin that we couldn't even breathe it. Mars is smaller than the Earth, but larger than our moon. There are extreme weather conditions. It has very strong winds and huge dust storms that can often blow over the whole planet for months! There is so much more to find out about this mysterious planet called Mars.

- 3 Look at the above text. Match the details with the correct noun.

- | | | | | |
|---|---|--------------------------------------|---|------------|
| d | 1 | tiny, rocky | a | air |
| e | 2 | extreme | b | Red Planet |
| b | 3 | covered with rust-like dust | c | wind |
| c | 4 | can blow over the whole planet | d | Mars |
| a | 5 | so thin ... couldn't even breathe it | e | weather |

4 Put one line under the nouns, and two lines under the additional details.

- 1 We need to find water on Mars.
- 2 On Mars, we decide to plant our own vegetables.
- 3 We planned to build our houses on Mars.
- 4 On Mars, we need to have clean oxygen.
- 5 Our spaceship crash landed on Mars.
- 6 We are happy to be alive. **No nouns and no details**
- 7 Mars looks very mysterious.
- 8 The strange planet is very red.



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03:00

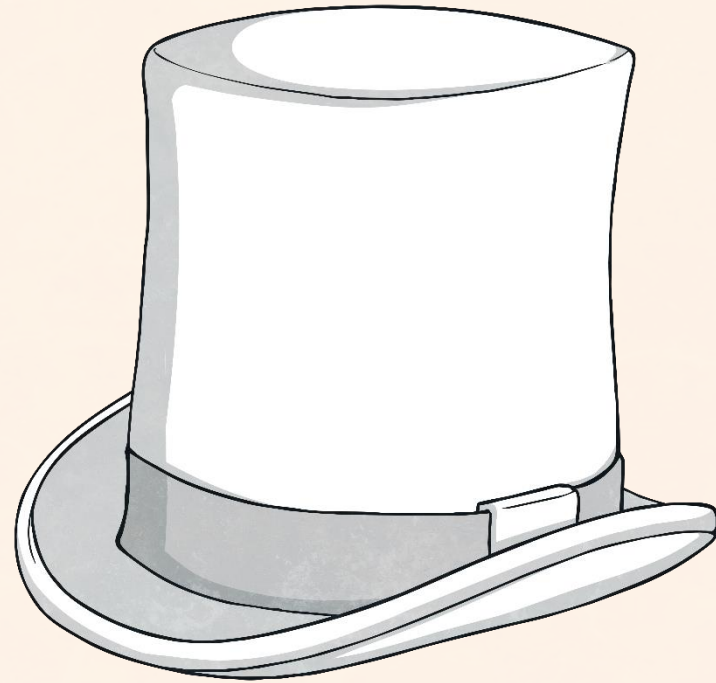


Exit Ticket

White Hat – Facts and Information

About life on Mars

- What information do we know?
- What are the facts?
- What do we need?
- What facts are missing?
- How could we get those facts?



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What's life like on Mars ?

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Lesson Objectives

Let's start

01

To complete the mind map with your own thoughts

02

To unscramble the words to make a complete sentence.

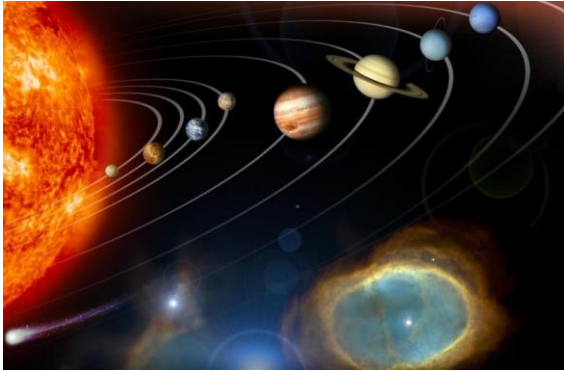
03

Use own and others' ideas to plan and develop writing.

04

Vocabulary : 2E

planets



temperature

The measured amount of heat in a place or in the body



climate

The general weather conditions usually found in a particular place



weather

The conditions in the air above the earth such as wind, rain, or temperature, especially at a particular time over a particular area



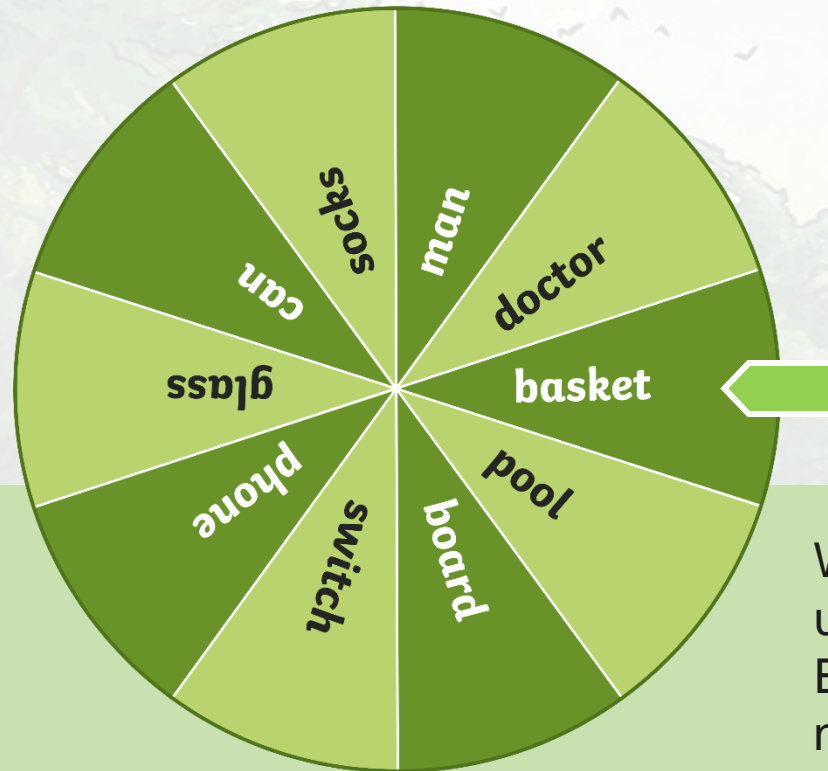
extreme

very large in amount or degree



They Have Been Matched!


Spin the wheel to select a noun.

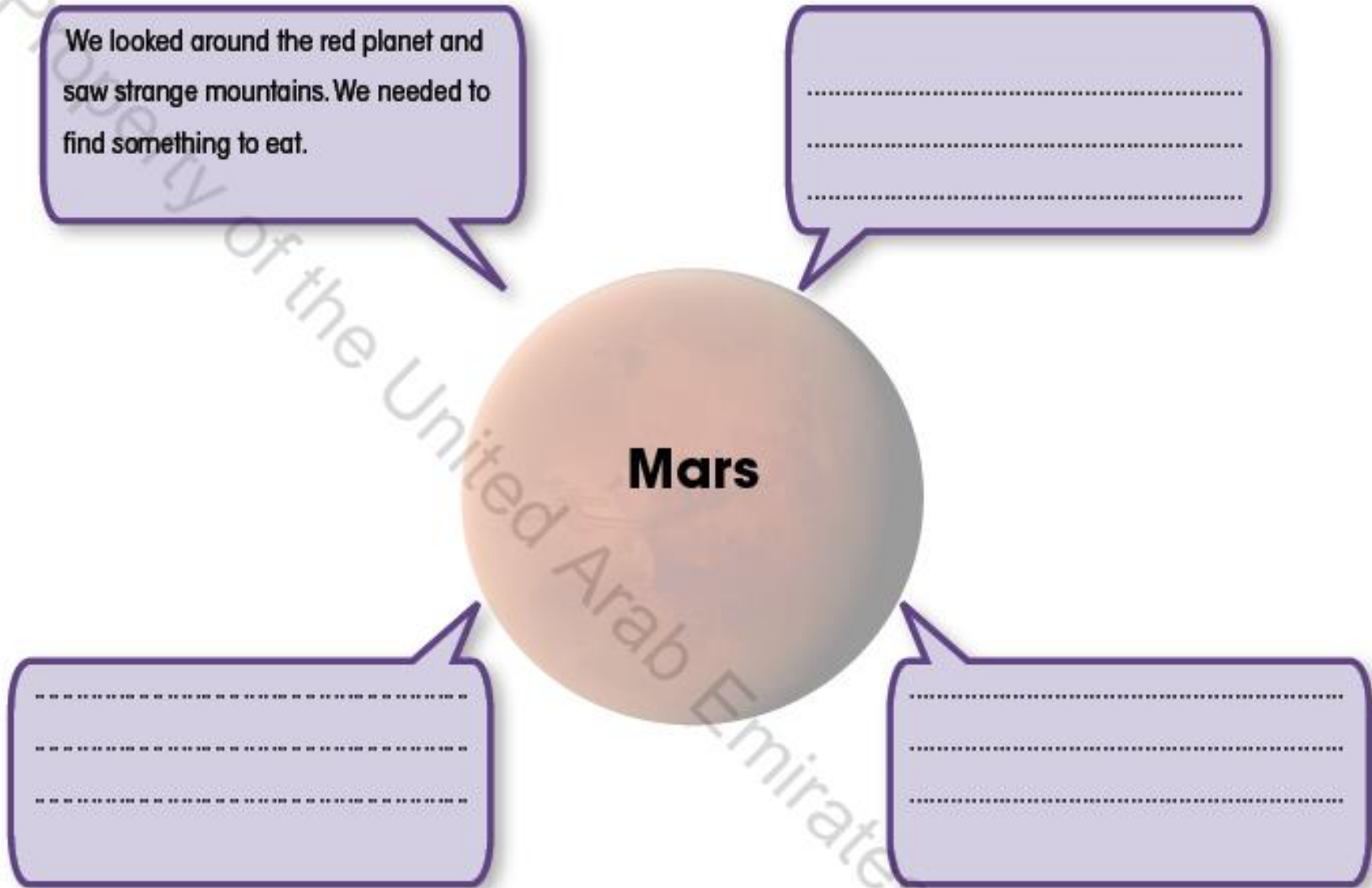


Spin

Write down a simple noun phrase using the noun on the spinner. For Example, the basket. Now, use nouns, adjectives and prepositional phrases to expand it.



3  Listen to the urgent message from *Explorer One Dubai* again. Complete a mind map about how you would imagine dealing with the situation. One has been done for you.



WRITING

- 4 Read the beginning of an editorial from the survivors of *Explorer One Dubai*. Use your imagination to write a short conclusion to the text. Write between 40-50 words. Follow your ideas from the mind map and make sure to use expanded noun phrases.

Today, we have decided to do all we can to survive while on this strange red planet. We will build a community while we wait for mission control to send help. We were exploring a bit when suddenly we saw, in the distance, a small jungle and a lake ...

.....

.....

.....

.....

.....

.....

.....

Writing Tip

Remember to use expanded noun phrases in your writing to give the reader more information about what you are describing.

COUNTDOWN
07 00
MIN
with JAZZ & BELLS

5 Expand each noun phrase even more. One has been done for you.

1 the strange animal

a the strange animal in the forest.....

2 the best teacher

b

3 a small cat

c

4 the old man

d

5 a beautiful night

e

6 many years

f



- 6 21 First, unscramble the words to make a complete sentence. Then, divide the main noun from the additional information.

1 up / students / stars / loved / The / look / the / at / to

a **The students loved to look up at the stars.**

b **.....students / loved to stars.....**

2 moon / The / very / bright / is / tonight

a **The moon is very bright tonight.....**

b **moon / is very bright
tonight.**

3 mysterious / very / Mars / is / planet / a

a **Mars is a very mysterious planet....**

b **Mars / is a very mysterious planet**

4 cold is / weather / very / The / there

a **The weather is very cold there.....**

b **weather / is very cold there.....**

5 also / Mars / called / is / Red / the / Planet

a **...Mars is also called the Red Planet.**

b **...Mars / is also called the
Red Planet**



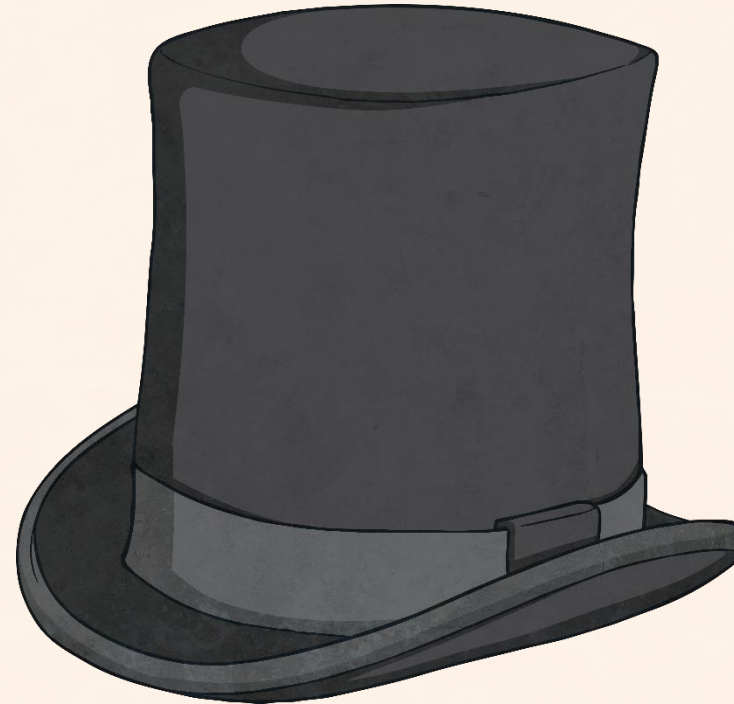


Exit Ticket

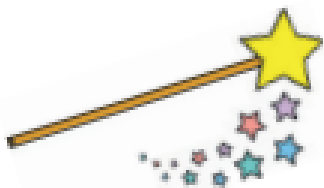
Black Hat - Caution

About exploring Mars

- Time to get judgemental
- What could go wrong?
- Will this idea work? Is it possible?
- What are the negative outcomes?
- What problems could we come across?



Two Stars and a Wish

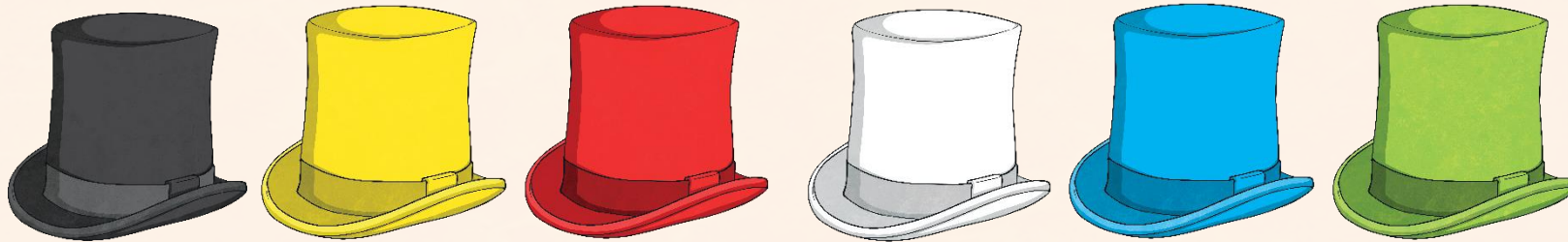


What are De Bonos Thinking Hats?

Edward De Bono is an expert in critical thinking skills

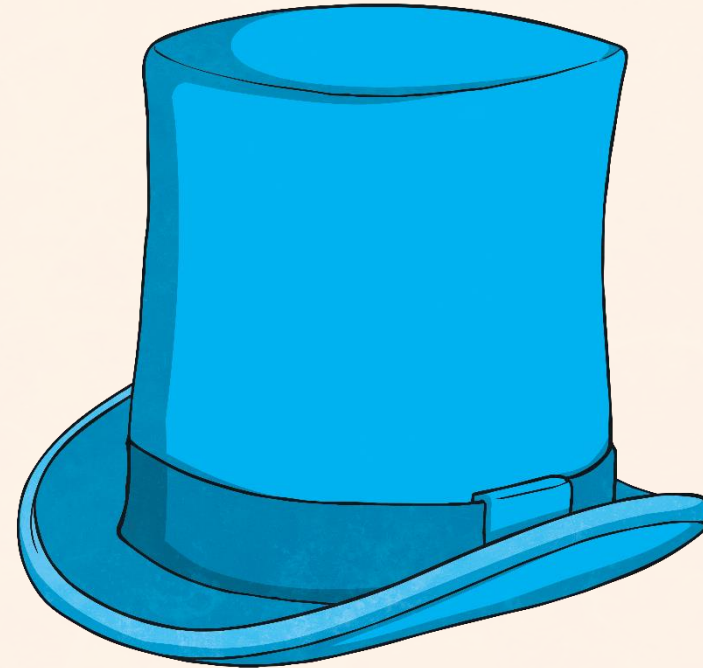
He came up with this approach to help people make better decisions by pushing them to think outside their normal way of thinking

Each different coloured hat is used to think from a different perspective.



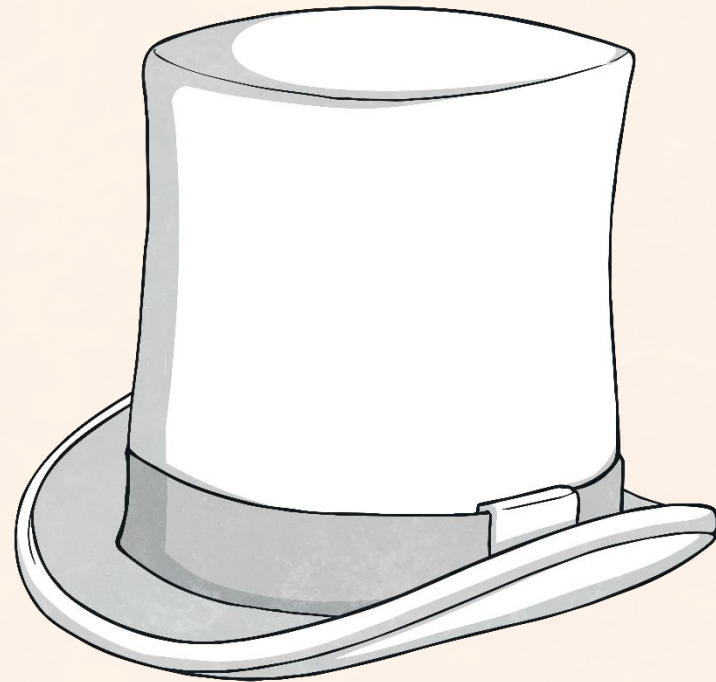
Blue Hat – Thinking

- Organising and analysing the problem
- Thinking about the process
- Where are we now?
- What is the next step?



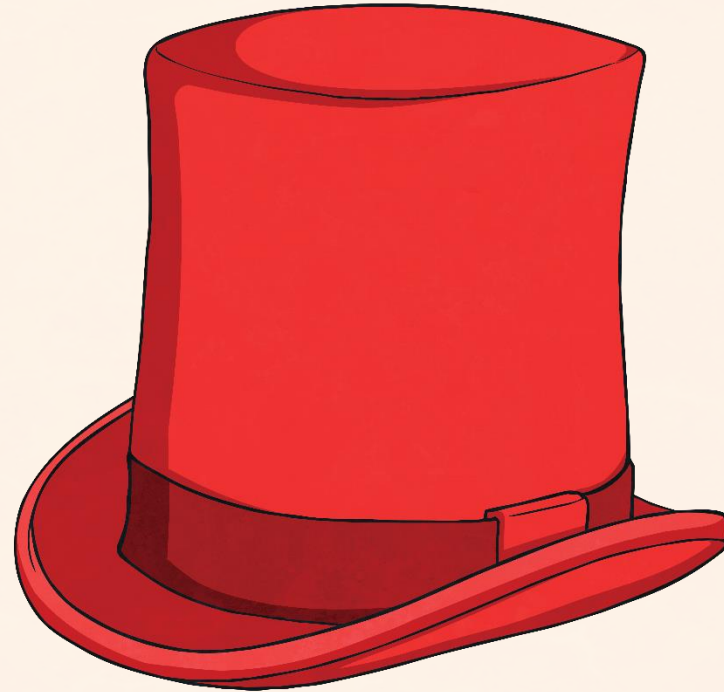
White Hat – Facts and Information

- What information do we know?
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- What facts are missing?
- How could we get those facts?



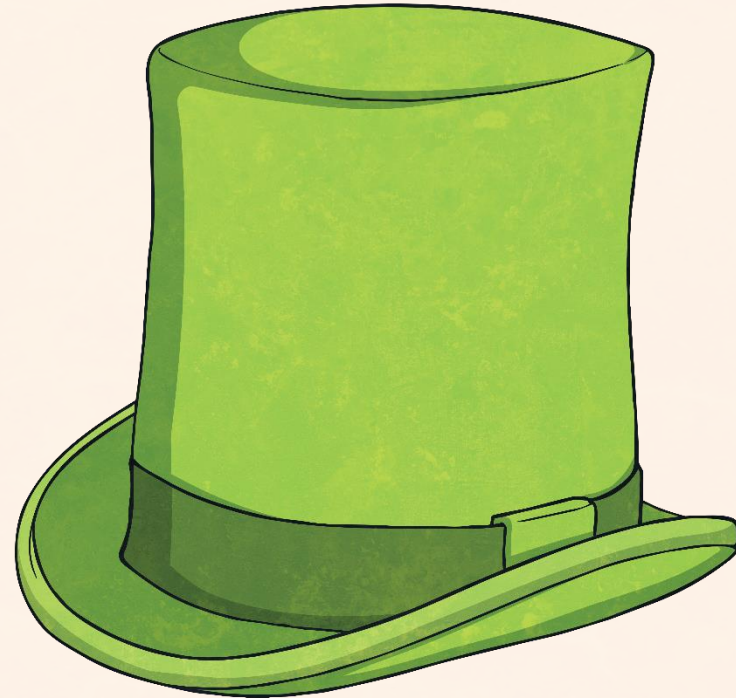
Red Hat – Feelings and Emotions

- The emotional response
- How does this make me feel?
- What do I like about it?
- What don't I like about it?
- What does your gut tell you?



Green Hat - Creative

- Alternative and creative ideas
- What other ways could this be done?
- What new ideas are there?
- Take risks



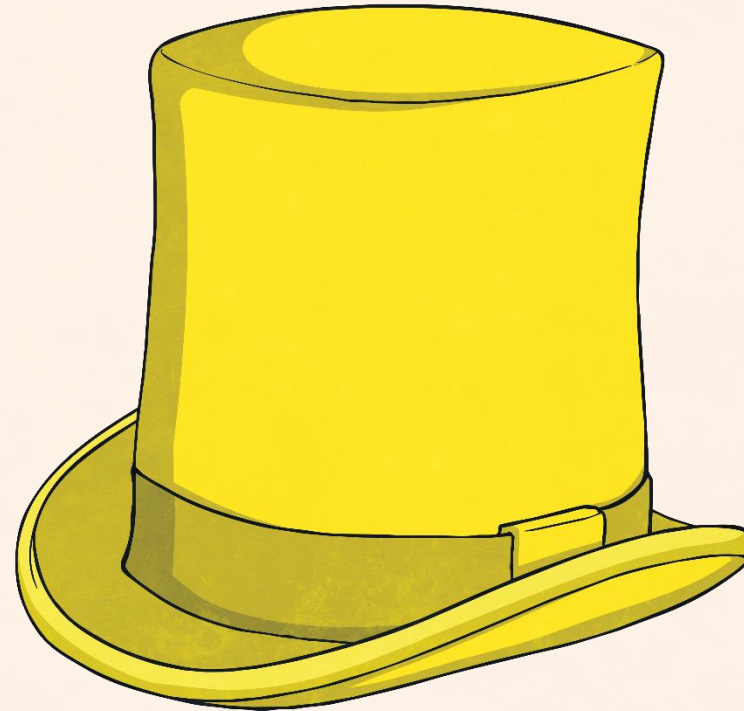
Black Hat - Caution

- Time to get judgemental
- What could go wrong?
- Will this idea work? Is it possible?
- What are the negative outcomes?
- What problems could we come across?




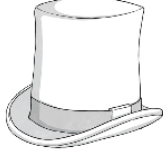



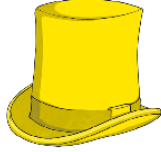
Yellow Hat – Positives

- Time to be optimistic
- Why is this a good idea?
- How can I make this work?
- What are the benefits of this idea?



Apply the Technique

Using the Thinking Hats table work as a group to solve a problem using this critical thinking technique.

Thinking Hat	Facts Hat	Feelings Hat	Creative Hat	Cautious Hat	Positive Hat
 Organising and analysing the problem	 What information do we know?	 How does this make me feel?	 Alternative and creative ideas	 Time to get judgmental	 Time to be optimistic



SELF ASSESSMENT

3

I can do
this!



Can you say
where you are
right now ?

2

I'm getting
there.



Raise a finger

1

I need
help!

