



Let's explore!

هيا نستكشف

أهم المعاني في هذه الوحدة

Word	Meaning	Word	Meaning
Space	فضاء	comet	مذنب
Sun	شمس	satellite	قمر صناعي
star	نجم	a hundred	مائة
rocket	صاروخ	five hundred	خمسمائة
Moon	قمر	a thousand	ألف
solar system	النظام الشمسي	five thousand	خمسة آلاف
space system	نظام الفضاء	fifty thousand	خمسون ألف
space station	محطة فضاء	a hundred thousand	مائة ألف
Earth	كوكب الأرض	a million	مليون
telescope	تليسكوب	astronaut	رائد فضاء
spacesuit	بدلة فضاء	scientist	عالم
planet	كوكب	explorer	مستكشف

English - English meanings:

Word	E- Meaning
astronaut (noun)	someone who travels to space
comet (noun)	an object in space with a bright tail
Earth (noun)	the planet we live on
explorer (noun)	someone who travels to places no one has been to



Word	E- Meaning
Moon (noun)	the round object that we can see in the sky at night
planet (noun)	a large round object in space
satellite (noun)	an object sent into space which moves around the Earth
scientist (noun)	a person who studies the sciences
solar system (noun)	the Sun and the eight planets that move around it
space station (noun)	a vehicle in space which people can travel around the Earth in
spacesuit (noun)	clothes that an astronaut wears when in space
star (noun)	a large ball of burning gas in space which we see from the Earth as points of light
Sun (noun)	The star that gives the Earth light and heat; the star the Earth moves around
telescope (noun)	a device that you look into to see objects that are far away



What's wrong in the picture?
Who is doing an experiment?
Find three electrical items.
Where are the astronauts?

- ما الخطأ في الصورة؟
- من الذي يقوم بتجربة ؟
- جد ثلاث أجهزة كهربائية
- أين رواد الفضاء؟



What's wrong in the picture? The keyboard is upside down. (1)
Who is doing an experiment? the teacher and a pupil
Find three electrical items. mobile phone (2), IWB (3), computer (4)
Where are the astronauts? The astronauts are on the poster of the International Space Station. (5)



2 Listen, point and repeat.



3 Look for the words from Activity 2 in the picture on page 36.
Write the missing word. —telescope—



المطلوب أن يستمع الطالب اللفظ
الصحيح للكلمات الصور فقط لتوضيح
المعنى

لمعرفة المعاني ارجع الى جدول المعاني
ص 1 من الملخص

من خلال دراستك للمعاني طابقها مع الصور ما هي
الكلمة المفقودة ؟
...التليسكوب

4 Write the words in the table in your notebook. How many
words can go into each group?

Things that go round the Earth	Things that go round the Sun	Things that people make
Moon space station satellite	Earth planet comet	telescope rocket space station spacesuit, satellite

يتم تقسيم الكلمات إلى:
أشياء تدور حول الارض
أشياء تدور حول الشمس
أشياء من صنع الناس



5 Play a guessing game.

It flies very quickly. It's got a tail.

A comet?

Yes!

من خلال هذا التمرين يصف الطالب الأول تعريف
للكلمة بينما يقوم الطالب الثاني بتخمين المعنى



تابعونا على صفحة الفيسبوك
لمزيد من الملفات التعليمية المجانية،
جو أكاديمي الصفوف الأساسية



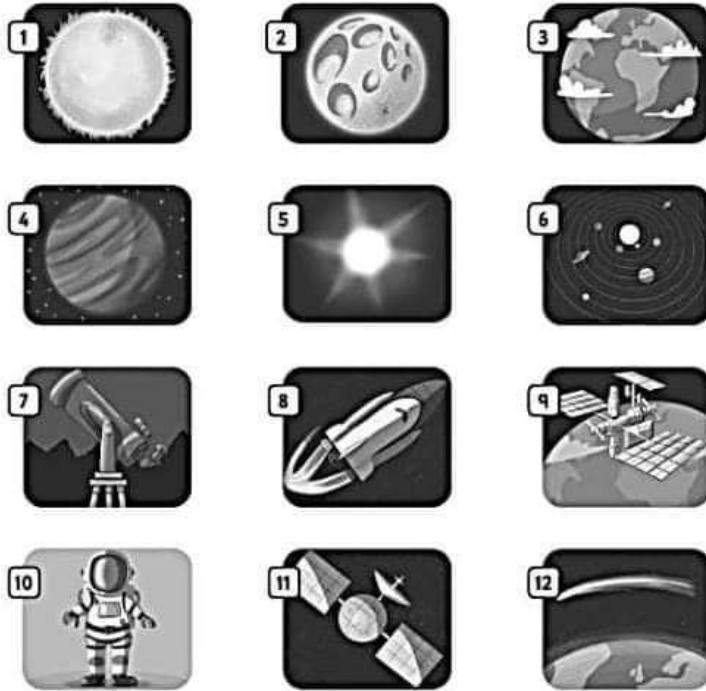
1 Look at Pupil's Book page 36 and complete the sentences.

- The pupils are doing an experiment in the school science lab.
- The teacher has got a rocket and wears safety glasses.



2 Look and number.

- telescope
- space station
- solar system
- spacesuit
- Moon
- Sun
- comet
- satellite
- star
- planet
- Earth
- rocket



هذا التمرين
يعتمد على
حفظ
المعاني



1 Before you read Which space objects can you find in the story?

a satellite , a spacesuit





- 3 How do astronauts stop their food from floating away?
Go to page 66.



كيف يمنع رواد الفضاء طعامهم من أن يطفو؟ اذهب إلى ص 66 لتكتشف ذلك

They tape it down and hold it down with strips.

- 4 After you read Correct the false sentences. من خلال هذا التمرين على الطالب أن يصحح الجمل الخاطئة

- There are three challenges for the Science Fair.
There are two challenges for the Science Fair.
- The children are making a model of the Moon.
- The Moon is about a thousand kilometres from the Earth.
- Brushing your teeth in space is the same as brushing your teeth on Earth.
- The children use a bottle of water to stop the toothbrush from floating away.
- The children don't work hard for the Science Fair.

- The children are making a model of the **solar system**.
- The Moon is about **380,000** kilometers from the Earth.
- Brushing your teeth in space **isn't** the same as brushing your teeth on Earth.
- The children use **a bottle of water and a straw** to stop toothbrush from floating away.
- The children **work** hard for the Science Fair.



تابعونا على صفحة الفيسبوك
لمزيد من الملفات التعليمية المجانية.
جو أكاديمي الصفوف الأساسية

6



Neda Hmaid



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إعداد: أ. نداء حميد



1 After you read Read and circle. Then order the pictures.

- The children are making a model of the solar system for the Science / Arts Fair.
- Millie / Bo breaks the model.
- The children think about how astronauts brush their hair / teeth in space.
- Bo wonders how astronauts stop their drink / food from floating away.



2 Read and answer the questions.

- How many projects do the children make?
The children make two projects.
- Who suggests trying a different challenge?
Katy suggests trying a different challenge.
- Why is brushing your teeth in space different from brushing your teeth on Earth?
In space everything is weightless.
- What things do the children use to make their final project?
The children use a bottle of water and a straw.

3 Values Read and tick (✓). What should you do to be a good citizen in school?

- Follow the rules.
- Be kind and helpful.
- Be dishonest.
- Get angry at others.

☒
☒
☐
☐

Values

I am a good citizen at school.



1 Look back! Tick (✓) the sentence in this picture.

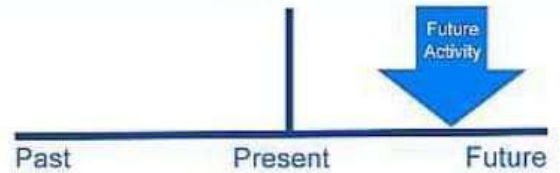
- 1 I'll show you!
- 2 We won't have time to make a new model tomorrow.
- 3 OK, we'll finish the model later.

☐
☐
☒



Grammar:

Simple Future



استخدامات المستقبل البسيط:

- التنبؤ بحدث مستقبلي:

It **will** rain tomorrow

- للتعبير عن القرارات السريعة:

I'll **pay** for the tickets by credit card.

تستخدم **shall** بشكل رئيسي مع الضميرين **I** و **we** للطلب أو لعمل اقتراح أو لطلب النصيحة

Shall I open the window?

Shall we go to the cinema tonight?

POSITIVE	Subject + will + V ₁ + ...
NEGATIVE	Subject + will not + V ₁ + ...
QUESTION	Will + Subject + V ₁ + ... ?



I'll = I will
I won't = I will not

Time words
soon, later, tomorrow, this afternoon, this evening

الكلمات
المفتاحية
الدالة على
المستقبل



Will

predictions التنبؤات مساعدة

We can use 'will' or 'll' to talk about the future and make future predictions.
شيء ما في المستقبل

I'll live in a big house when I'm older.

For the negative, we can say 'will not' or 'won't'.
في النفي تصبح

I won't go to school.

Offers (will) عرض او تقديم

We can use 'will' or 'll' to make offers.

Alia: I can't move these heavy boxes

Muna: will I help you?

Teacher: Someone left the door open.

Student: I will close it.

Promises الوعود

We can use 'will' or 'll' to make promises. We can also use 'will not' or 'won't'.

Jack: It is a secret.

Ben: I won't tell anybody.

Sam: Remember to meet me tomorrow.

John: I will be there on time.



JO | ACADEMY
الاستاذة
نداء حميد
مادة اللغة الانجليزية
الصف الرابع - الصف الخامس
الصف السادس - الصف السابع - الصف الثامن
اطلب بطاقتك من الرقم التالي:
0792004566



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لمزيد من الملفات التعليمية المجانية،
جو أكاديمي الصفوف الأساسية



سؤال ↓ He **will** bake a rocket cake. **نفي** → He **won't** bake a rocket cake
↓ Will he bake a cake?

- 1 Boy: I'm looking at a comet, but it's getting cold. I think I'll go home soon and have a hot bath!
- 2 Girl: I've got a big project on space this week, and a lot of Maths homework, too! I know! I'll do my Maths homework tomorrow and start my space project on Wednesday.
- 3 Boy: It's my sister's graduation tomorrow! I think I'll make her a big chocolate cake this evening.
- 4 Girl: It's going to be sunny this afternoon! I don't think I'll go to the library; I think I'll go swimming.

1 صبي: أنا أنظر إلى المذنب، لكن الجو أصبح باردًا. أعتقد أنني سأعود إلى المنزل قريبًا وأستحم بماء ساخن!

2 فتاة: لدي مشروع كبير عن الفضاء هذا الأسبوع، والكثير من الواجبات المنزلية في الرياضيات أيضًا! أعلم ذلك! سأقوم بأداء واجباتي المنزلية في الرياضيات غدًا وأبدأ مشروع الفضاء يوم الأربعاء.

3 الصبي: غدًا ستحتفل أختي بالترشح! أعتقد أنني سأعد لها كعكة شوكولاتة كبيرة هذا المساء.

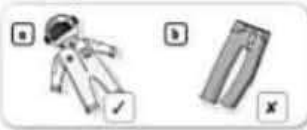
4 فتاة: سيكون الجو مشمسًا بعد الظهر! لا أعتقد أنني سأذهب إلى المكتبة؛ أعتقد أنني سأذهب للسباحة.

3 Listen and say the correct picture.



1 Listen. Tick (✓) for will and cross (X) for won't.

1 Hala



3 Tareq



5 Sami



2 Salwa and Sana



4 Raed and Jamal



6 Malek



- 1 Girl 1: What will you wear to the party next week, Hala?
- Girl 2: It's a fancy dress party, so I won't wear my new jeans. But I'll wear my new spacesuit costume. It's cool!
- 2 Girl 3: What will you do this evening, Salwa?
- Girl 4: Well ... I think I'll study with Sana, but we won't study Maths. We'll study the solar system.
- 3 Boy 1: What will you send to your friend on Monday, Tareq?
- Boy 2: I think I'll send him an email. I haven't got his address, so I won't send him a letter.
- 4 Boy 3: What will you bake this evening, Raed?
- Boy 4: I think I'll bake a rocket cake with Jamal. We won't bake a star cake this time.
- 5 Boy 5: What will you use in class this afternoon, Sami?
- Boy 6: Well ... it's the Science week, so I won't use the tablet as usual. I think I'll use the telescope!
- 6 Boy 7: What will you make for your Science project tomorrow, Malek?
- Boy 8: Well, I haven't got any grey points, so I won't make a model of the Moon. I think I'll make a really big model of the Sun. I'll send you a picture later!



2 Look at Activity 1 and complete the sentences.

bake send wear use make study

- Hala won't wear her new jeans, but she will wear a spacesuit costume.
- Salwa and Sana will study the solar system, so they won't study Maths.
- Tareq won't send a letter to his friend, but he will send an email.
- Raed and Jamal will bake a rocket cake, so they won't bake a star cake.
- Sami won't use the tablet, but he will use the telescope!
- Malek won't make a model of the Moon, but he will make a model of the Sun.



Read and complete:

read watch play sing

- They _____ a movie.
- John _____ a book.
- He _____ at the karaoke.
- Jack _____ soccer.



Answers : 1. will watch 2. will read 3. will sing 4. will play

1 Listen, point and repeat.

- 100 a hundred
- 500 five hundred
- 1,000 a thousand
- 5,000 five thousand
- 10,000 ten thousand
- 50,000 fifty thousand
- 100,000 a hundred thousand
- 1,000,000 a million

المطلوب في هذا التمرين الاستماع وتعلم قراءة الأرقام الكبيرة

1 0 0 0 0 0

Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
------------------	--------------	----------	-------------------	---------------	-----------	----------	------	------



2 Listen and sing.

Do you love big numbers?
Yes, I do!
Big numbers are fun for me and
you!

How tall is your dad?
He's one hundred and eighty
centimetres tall!

How high is the Eiffel Tower?
It's three hundred metres high!

How deep is the Grand Canyon?
It's one thousand eight hundred
metres deep!

How long is the River Nile?
It's six thousand, six hundred
and seventy kilometres long!

How far is the Moon from the Earth?
Three hundred and eighty-four
thousand, four hundred kilometres!

Do you love big numbers?
Yes, I do!
Big numbers are fun for me and
you!

كم يبلغ طول نهر النيل؟

يبلغ طوله ستة آلاف وستمائة وسبعين كيلومتراً!

ما هي المسافة بين القمر والأرض؟

ثلاثمائة وأربعة وثمانون ألفاً وأربعمائة كيلومتراً!

هل تحب الأرقام الكبيرة؟

نعم أفعّل!

الأعداد الكبيرة ممتعة بالنسبة لي ولك!

هل تحب الأرقام الكبيرة؟

نعم أفعّل!

الأعداد الكبيرة ممتعة بالنسبة لي ولك!

كم هو طول والدك؟

طوله مائة وثمانون سنتيمتراً!

ما هو ارتفاع برج إيفل؟

ارتفاعه ثلاثمائة متر!

ما هو عمق جرائد كانيون؟

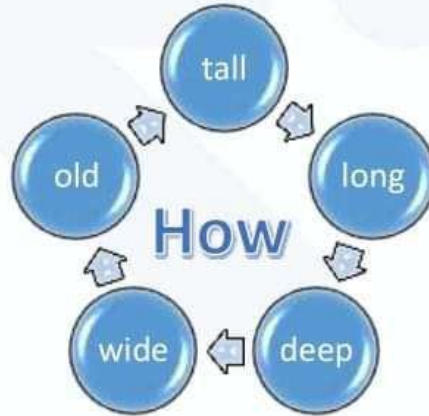
عمقها ألف وثمانمائة متر!

Grammar:**HOW TALL**

How tall is the giraffe?

**HOW LONG**

How long should I wait?



الاجابة meters tall > للسؤال عن الطول > How **tall**?

الاجابة meters long > للسؤال عن طول مدة زمنية / الطول (أفقي) > How **long**?



**HOW DEEP**

How deep is the sea?

**HOW OLD**

How old is your grandfather?

**How wide**

How wide is the river?

How **deep**? ➤ الاجابة meters tall ➤ للسؤال عن العمقHow **old**? ➤ الاجابة years old ➤ للسؤال عن العمرHow **wide**? ➤ الاجابة meters wide ➤ للسؤال عن العرضComplete:

How tall- How old- How wide - How deep- How long

1. -----is Abdoun Bridge? It's 452 meters **long**.
2. -----is Aqaba Flagpole? It's 130 meters **tall**.
3. -----is Lake Tiberias? It's 43 meters **deep**.
4. -----is Amra Castle? It's about 1,300 years **old**.
5. -----is The river Jordan? It's about 100 meters **wide**.

Answers: 1. How **long** 2. How **tall** 3. How **deep** 4. How **old** 5. How **wide**

- 1 Complete the table. Then order the numbers from the biggest (1) to the smallest (8).

المطلوب في هذا التمرين تكملة الجدول ثم ترتيب الأرقام من الأكبر للأصغر (تنازلياً)

a million a hundred thousand a thousand
ten thousand 500 100 50,000 5,000

1	a million	1,000,000
3	fifty thousand	50,000
8	a hundred	100
6	a thousand	1,000
5	five thousand	5,000
4	ten thousand	10,000
7	five hundred	500
2	a hundred thousand	100,000



- 2 Complete the questions and circle the answers. Then listen and check.

high tall far wide deep



- 1 How far is it from Amman to Aqaba by car?
332 / 313 kilometres
- 2 How tall is this basketball player? 213 / 203 centimetres
- 3 How high is Mount Everest? 8,868 / 8,848 metres
- 4 How deep is the Pacific Ocean at its deepest point?
10,911 / 11,900 metres
- 5 How wide is the Earth? 22,750,000 / 12,750,000 metres

- 1 Boy 1: How far is it from Amman to Aqaba by car?
Boy 2: It's about 332 kilometres.
- 2 Girl 1: How tall is this basketball player?
Girl 2: He's 213 centimetres tall.
- 3 Boy 1: How high is Mount Everest?
Boy 2: It's 8,848 metres high.
- 4 Girl 1: How deep is the Pacific Ocean at its deepest point?
Girl 2: It's about 10,911 metres deep.
- 5 Boy 1: How wide is the Earth?
Boy 2: It's about 12,750,000 metres wide.

ولد 1: كم المسافة من عمان إلى العقبة بالسيارة؟

الصبي 2: إنها حوالي 332 كيلومتراً.

فتاة 1: ما هو طول لاعب كرة السلة هذا؟

الفتاة 2: طوله 213 سم.

صبي 1: ما هو ارتفاع جبل ايفرست؟

الصبي 2: ارتفاعه 8,848 متراً.

الفتاة 1: ما مدى عمق المحيط الهادئ في أعظم نقطة له؟

الفتاة 2: يبلغ عمقها حوالي 10,911 متراً.

الصبي 1: ما هو عرض الأرض؟

الصبي 2: عرضه حوالي 12,750,000 متر.



Lesson 9
CULTURE

THE MYSTERY OF STONE CIRCLES

A stone circle is a circle of standing stones. People built stone circles thousands of years ago. Some circles are over 6,000 years old! You can find stone circles all over the world.

This is Castlerigg stone circle, in the north of England. It is over 5,000 years old! Stonehenge is the most famous stone circle in the UK. It is also one of the biggest stone circles. Some of the stones came from Wales, 240 kilometres away. How did people carry the stones so far? Why didn't they use stones from the hills where they lived? No one knows for sure!

Why did people build stone circles? We don't really know, but there are a lot of different ideas! Many people believe that the circles were meeting places, where people celebrated important days. Other people think the circles were ancient markets. On the longest day of the year, the light of the Sun falls in a certain place on many stone circles. Perhaps the stone circles were ancient calendars to measure the longest and shortest days of the year, or maybe they were places to watch the Sun, Moon and stars, before people had telescopes. Some people even believe the circles came from space! What do you think?

Fun fact
Did you know there are over 1,300 stone circles in the UK?

Lesson 9
CULTURE

الدوائر الحجرية

الدائرة الحجرية عبارة عن دائرة من الحجارة الدائرية. بنى الناس دوائر حجرية منذ آلاف السنين. يبلغ عمر بعض الدوائر أكثر من 6000 عام! يمكنك العثور على دوائر حجرية في جميع أنحاء العالم.

هذه هي دائرة كاستلريج الحجرية، في شمال إنجلترا. عمرها أكثر من 5000 عام! ستونهنج هي الدائرة الحجرية الأكثر شهرة في المملكة المتحدة. وهي أيضًا واحدة من أكبر الدوائر الحجرية. جاءت بعض الأحجار من ويلز، التي تبعد 240 كيلومترًا. كيف حمل الناس الأحجار إلى هذه المسافة البعيدة؟ لماذا لم يستخدموا أحجارًا من التلال التي كانوا يعيشون فيها؟ لا أحد يعرف على وجه التحديد. الناس الدوائر الحجرية؟ لا نعرف حقًا، ولكن هناك الكثير من الأفكار المختلفة!

يعتقد الكثير من الناس أن الدوائر كانت أماكن الالتقاء، حيث كان الناس يحتفلون بالأيام المهمة. ويعتقد آخرون أن الدوائر كانت أسواقًا قديمة. في أطول يوم في السنة، يسقط ضوء الشمس على مكان معين على دوائر حجرية عديدة. ربما كانت الدوائر الحجرية تقاويم قديمة لقياس أطول وأقصر أيام السنة، أو ربما كانت أماكن لمشاهدة الشمس والقمر والنجوم، قبل أن يمتلك الناس التلسكوبات. يعتقد بعض الناس أن الدوائر جاءت من الفضاء!

Fun fact
هل تعلم أن هناك أكثر من 1300 دائرة حجرية في المملكة المتحدة

1. What is a stone circle ?

A stone circle is a circle of standing stones .

2. How old are some stone circles ?

Some stone circles are over 6,000 years old.

3. Where is the Castlerigg stone circle located ?

It is located in the north of England.

4. What is the most famous stone circle in the UK ?

The most famous stone circle in the UK is Stonehenge.

5. How far did some of the stones at Stonehenge travel ?

Some of the stones traveled 240 kilometers from Wales.

6. Why do many people believe stone circles were built ?

Many people believe stone circles were meeting places to celebrate important days



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7. What happens on the longest day of the year at many stone circles ?

The light of the Sun falls in a certain place on many stone circles.

8. What are some other theories about the purpose of stone circles ?

Other theories include ancient markets, calendars, and places to watch the Sun, Moon, and stars.

9. Do we know for sure why stone circles were built ?

No, we don't know for sure why stone circles were built.

10. What is one unusual belief about the origin of stone circles ?

Some people believe the stone circles came from space.

11. Find out: Noun : England Verb(past) : celebrated Adj. famous Pro. It

Number: 5,000 Prep. in

1 Look and tick (✓) the correct picture.

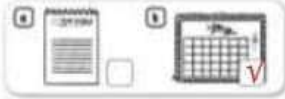
1 stone circle



2 standing stones



3 calendar



4 measure



5 meeting place



2 After you read Read and circle the correct answer.

- There are about 130 / 1,300 / 13,000 stone circles in the UK.
- Stone circles are very old. Some circles are over 2,000 / 5,000 / 6,000 years old.
- You can find stone circles all over the sea / country / world.
- The Castlerigg stone circle is in the north / south / east of England.
- At Stonehenge some of the stones came from Wales, 240 / 350 / 400 kilometres away.
- Some people say the circles were ancient houses / towns / markets.



- 1 Look at the posters.
What type of clubs are they? *Space Club and Science*
- 2 Listen. What type of club does Mariam want to join? *the Space Explorers Club*
- 3 Listen, read and check.



Hello! I'm Mariam. I'm interested in joining the Space Explorers Club.

Mariam Rahhal.

R-A-H-H-A-L.

23/2/13 - that's the 23rd February, 2013.

1287 445006

Hi, Mariam! I'm Laila.
OK, what's your name?

How do you spell your last name?

Thanks. What's your date of birth?

OK. What's your home phone number?

Thanks. Welcome to the club!

مرحباً! أنا مريم. أنا مهتمة بالانضمام إلى نادي مستكشفي الفضاء.

مريم رحال

ر - ح - ا - ل

13/2/23 هذا هو 23 فبراير 2023

1287445006

اهلاً مريم! أنا ليلي.
حسناً، ما هو اسمك؟

كيف تكتبين اسمك الأخير؟

شكراً. ما تاريخ ميلادك؟

حسناً. ما رقم هاتفك المنزلي؟

شكراً. مرحباً بك في النادي!

- 4 Choose a club to join!

Gardening Club Maths Club
Science Club Gymnastics Club

00 → double oh

44 → double 4

Gardening club: نادي البستنة

Maths Club: نادي الرياضيات

Science Club: نادي العلوم

Gymnastics Club: نادي الجمباز

Pronunciation

- 5 Listen and read. Why is part of each word coloured? Listen again and repeat.

planet
astronaut

spacesuit
telescope

rocket
scientist

satellite
explorer

المطلوب أن يستمع الطالب له اللفظ الصحيح للكلمات

تم تحديد المقطع المشدد باللون الأحمر



1 Order the words to make sentences.

Alia: Hi! the joining Science I'm in interested Club

(1) I'm interested in joining the Science Club.

Farid: What's your name?

Alia: (2) Ali Asmar

Farid: last name How spell you your do ?

(3) How do you spell your last name?

Alia: (4) A-S-M-R

Farid: birth What's of date your ?

(5) What's your date of birth?

Alia: (6) The fifteen of January 2008

Farid: number What's home your phone ?

(7) What's your home phone number?

Alia: (8) 4766032821

المطلوب أن يستمع الطالب للمحادثة ويكمل

الحوار



Pronunciation

4 Listen and read. Circle the stressed parts of the words. Then practise saying the words with your partner.

1 fifty

4 twenty

7 number

2 thousand

5 seventeen

8 membership

3 hundred

6 thirty

9 circle

المطلوب أن يستمع الطالب لـ اللفظ الصحيح

لل كلمات

تم تحديد المقطع المشدد



تابعونا على صفحة الفيسبوك
لمزيد من الملفات التعليمية المجانية،
جو أكاديمي الصفوف الأساسية



1 Before you read What do astronauts do on the International Space Station? They find out about space

LIFE ON THE INTERNATIONAL SPACE STATION

The International Space Station (ISS) is a satellite. It orbits the Earth once every 90 minutes, travelling at 28,000 kilometres per hour! But it's different from a normal satellite because about ten astronauts live on it.

The astronauts on the ISS have a lot of jobs to do every day. They do experiments to find out more about space. They use special tools to fix the station, and if they need to fix something

outside, they put on their spacesuits and do a spacewalk! When they aren't working, astronauts read and take photos.

There's one more important thing for astronauts to do: exercise! People are weightless in space, so their muscles don't work hard and can become very weak. Astronauts need to exercise for two hours a day!



الحياة على متن محطة الفضاء الدولية

في الخارج، يرتدون بدلاتهم الفضائية ويقومون بالسير في الفضاء! عندما لا يعملون، يقرأ رواد الفضاء ويلتقطون الصور. هناك أمر آخر مهم يجب على رواد الفضاء القيام به: ممارسة الرياضة!



فالناس في الفضاء عديمو الوزن، لذا فإن عضلاتهم لا تعمل بجد وقد تصبح ضعيفة للغاية. يحتاج رواد الفضاء إلى ممارسة الرياضة لمدة ساعتين يومياً!

محطة الفضاء الدولية (ISS) عبارة عن قمر صناعي يدور حول الأرض مرة كل 90 دقيقة، ويسافر بسرعة 28000 كيلومتر في الساعة. لكنها تختلف عن القمر الصناعي العادي لأن حوالي عشرة رواد فضاء يعيشون على متنها. ماذا تعتقد؟

لدى رواد الفضاء على متن محطة الفضاء الدولية الكثير المهام التي يتعين عليهم القيام بها كل يوم. فهم يجرون التجارب لمعرفة المزيد عن الفضاء. ويستخدمون أدوات خاصة لإصلاح المحطة، وإذا احتاجوا إلى إصلاح شيء ما، فإنهم يقومون



1. What is the International Space Station (ISS) ?

The ISS is a satellite that orbits the Earth .

2. How often does the ISS orbit the Earth ?

It orbits the Earth once every 90 minutes.

3. How fast does the ISS travel ?

It travels at 28,000 kilometers per hour.

4. How many astronauts live on the ISS ?

About ten astronauts live on the ISS.

5. What do astronauts do on the ISS ?

They do experiments, fix the station, and sometimes do spacewalks.

6. What do astronauts do when they aren't working ?

They read and take photos.

7. Why do astronauts need to exercise on the ISS ?

They need to exercise because people are weightless in space, so their muscles can become weak.



8. How long do astronauts need to exercise each day ?

They need to exercise for two hours a day.

9. Find out: Noun : Earth Verb : orbits Adj. different Pro. They
Number: 28,000 Prep. on

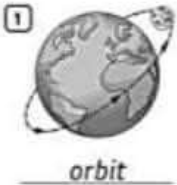
3 After you read Complete the sentences. Write one or two words.

- 1 The International Space Station is a satellite with astronauts on it.
- 2 The astronauts do experiments every day to find out more about space.
- 3 For a spacewalk they need to wear spacesuits.
- 4 Exercise is very important for astronauts because their muscles get weak in space.



1 After you read Look and write.

muscles orbit spacewalk tools



2 Read and write True or False.

- 1 ISS stands for the International Satellite Station. False
- 2 The ISS travels at 28,000 kilometres per hour. True
- 3 There are 16 astronauts living on the ISS. False
- 4 Astronauts need to exercise for two hours a day. True

3 Correct the false sentences in Activity 2.

ISS stands for the International Space Station.

There are 10 astronauts living on the ISS



Listening

1 Listen and complete the sentences.

- Helen Robertson is a/an British astronaut.
- Helen spent 247 days on the International Space Station.
- On the ISS, Helen's favourite hobby was looking out of the window.
- The astronauts got more food by rocket.
- The rocket was about seven metres tall.

Woman 1: Hello, everybody. Today, I am talking to Helen Robertson. She's a British astronaut on the International Space Station! Hello, Helen. Welcome to the programme.

Woman 2: Hello, Nicole.

Woman 1: So, Helen, you spent 247 days in space on the International Space Station, right?

Woman 2: Yes, that's right! I loved living in space. My favourite hobby was looking out of the window! I could see the rivers, the mountains and the oceans on Earth. It was so beautiful! I could also see the Moon, the planets and millions of stars. I didn't need a telescope!

Woman 1: There's one important question I want to ask you: where did you get your food from? You can't grow food in space!

Woman 2: The food came in rockets. Every few months a rocket arrived with fresh food and food in packets for the astronauts.

Woman 1: Wow! Food by rocket! Amazing! How big is that rocket?

Woman 2: It isn't very big – about seven metres tall. But it's full of food and other interesting things.

المرأة 1: مرحباً بالجميع. اليوم، أحدث مع هيلين روبرتسون. إنها رائدة فضاء بريطانية في محطة الفضاء الدولية! مرحباً هيلين. مرحباً بك في البرنامج.

المرأة 2: مرحباً ليكول.

المرأة 1: إذن هيلين، لقد أمضيت 247 يوماً في الفضاء على متن محطة الفضاء الدولية، أليس كذلك؟

المرأة 2: نعم، هذا صحيح! لقد أحببت العيش في الفضاء. كانت هوايتي المفضلة هي النظر من النافذة! كان بإمكانني رؤية الأنهار والجبال والمحيطات على الأرض. كان الأمر جميلاً للغاية! كما كان بإمكانني رؤية القمر والكواكب وملايين النجوم. لم أكن بحاجة إلى تلسكوب!

المرأة 1: هناك سؤال مهم أريد أن أسألك إياه: من أين حصلت على طعامك؟ لا يمكنك زراعة الطعام في الفضاء!

المرأة 2: كان الطعام يصل في الصواريخ. كل بضعة أشهر كان صاروخ يصل محملاً بالطعام الطازج والطعام في عبوات لرواد الفضاء.

المرأة 1: يا إلهي! طعام بالصواريخ! مذهل! ما حجم هذا الصاروخ؟

المرأة 2: إنه ليس كبيراً جداً، يبلغ ارتفاعه حوالي سبعة أمتار. لكنه مليء بالطعام وأشياء أخرى مثيرة للاهتمام.

Speaking

2 Imagine you're an astronaut on the International Space Station. What will you do every day? What won't you do?

I'll get a packet of food ...

I won't forget to exercise ...



تخيل نفسك رائد فضاء في محطة الفضاء الدولية. ماذا ستفعل كل يوم؟ وما الذي ستفعله؟



- I will fix the station.
- I will go spacewalks.
- I will take photos.
- I won't drive car
- I won't cook



تابعونا على صفحة الفيسبوك
لمزيد من الملفات التعليمية المجانية،
جو أكاديمي الصفوف الأساسية



3 Read. What is the blog post about? What astronauts eat?



4 Imagine you're an astronaut on the International Space Station. Write a blog post.

1 Plan

Choose from these topics: food, clothes, repairs, hobbies. Find out more about these topics on the ISS!

- What do you eat/wear/do?
- How is it different from on Earth?

2 Write

Hi, I'm ...
My blog post today is about ...
In space, we ...
Did you know ...?

3 Check your work

- Used a question?

كتابة مدونة :

تخيل نفسك رائد فضاء في محطة الفضاء الدولية

(1) الخطة : اختر من الموضوعات التالية

الطعام ، الاصلاحات ، الملابس ، الهوايات ،

جد المزيد عن هذه المواضيع على متن محطة الفضاء الدولية!

- ماذا تأكل / ترتدي / تفعل؟
- ما هو الفرق بينه وبين الموجود على الأرض؟

(2) اكتب

كما في المثال المبين

(3) تحقق من كتابتك

* اكتب اسمك في المكان المخصص



1 Match the questions with the answers.

- 1 How often do we eat?
 2 How do we prepare our food?
 3 What do we do in our free time?
 4 What can we see from the ISS?
- a We can see rivers, mountains and oceans on Earth!
 b In space, we have three meals a day.
 c We read and take photos.
 d All our food is in bags.

2 Imagine you're an astronaut on the International Space Station. Write a blog post.

1 Plan

Read, circle and answer. Make notes.

Choose a topic: food / clothes / repairs / hobbies

What do you eat / wear / do?

How is it different from what you eat / wear / do on Earth?

2 Write

Use your notes and write.

My blog

Hi, I'm

My blog post today is about

In space, we

Did you know

My blog

Hi, I'm Your name اسمكMy blog post today is about life on the International Space Station (ISS).In space, we eat specially prepared food that is different from what we eat on Earth.Did you know that astronauts have more than 100 food items to choose from, including fruits, vegetables. We eat food that is freeze-dried or dehydrated, which helps it last longer and makes it easier to store.

1 Look at the picture. How many space words can you find?



2 Work with a partner. In turns, say the numbers.

645 1,500 2,450 10,000 50,000 35,000 246,500 1,000,000



تابعونا على صفحة الفيسبوك
لمزيد من الملفات التعليمية المجانية.
جو أكاديمي الصفوف الأساسية

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Neda Hmaid



0777645520

إعداد: أ. نداء حميد



3 You're going into space! What will you take? Tell your partner.

- I will take my favourite book
- I will take a camera
- I will bring a notebook

4 Circle the correct word. Match with the answers.
Then ask and answer.

- | | |
|---|--|
| 1 How <u>far</u> / long / deep is the Moon from the Earth? a | a It's 384,400 kilometres away! |
| 2 How tall / high / <u>long</u> is the River Jordan? c | b It's 1,854 metres high! |
| 3 How deep / far / <u>high</u> is Jabal Umm Ad Dami? b | c It's 251 kilometres long! |

Challenge your classmates and play the game!

Work in two teams. Look back through the unit to find the answers to these questions.

- 1 How long is the River Nile? (1 point) **6,670 kilometres (Lesson 7)**
- 2 Find two boys with a telescope. (1 point) **Lesson 5 Activity 3**
- 3 Where did some of the stones in Stonehenge come from? (1 point) **Wales (Lesson 9)**

Now think of three more questions to ask the other team.



انتظروني في ملخص الوحدة 4 Off to the shops
لا تنسى متابعة صفحة المعلمة نداء حميد لتحصل على
الملخصات أول بأول

English Quotes with T. Neda Hmaid

