

Grade 12

Module 9

Project Earth

- project
- problems
- Concern
- guess
- where on earth?
- bring you down to earth with a bump
- Like nothing on earth
- go to the ends of the earth
- disappeared off the face of the earth.
- down to earth
- the four corners of the earth

- evaporate

يتبخر

= to cause a liquid, e.g. water become a gas

- Vanish

يختفي - يزول

= to disappear; to stop existing

- Concentration

تركيز - كثافة

= the amount of sth in sth else

- revitalise

ينعش - يمنحه حياة جديدة

= to bring sth back to life

- inhabitant

ساكن - مقيم

= sb who lives in a place.

- pay off

يثمر - يؤتي ثماره

= to achieve a positive outcome

- reverse

يتراجع - يغير

= to change or undo sth

- phenomenon

ظاهرة - حادثة - نادرة

- natural

طبيعي

- Consequences

عواقب

- depend on

يعتمد على

- resulted in

يؤدي إلى - يسفر عن

- reintroduce

إعادة تقديم - يعيد إدخال

- attempt

محاولة

(9A)

130

"Vocabulary"

"Collocations"

- Soil erosion تعرية - تآكل التربة
- Climate change تغير المناخ
- oil spill تسرب - انسكاب النفط
- acid rain أمطار حمضية
- species extinction انقراض أنواع الحيوانات
- water shortage نقص المياه
- illegal logging القطع الجائر للأشجار - الغير قانوني
- toxic waste نفايات سامة
- Carbon footprint البصمة الكربونية - الأثر والتلوث الكربوني
- Ozone hole ثقب الأوزون

Word formation

verb الفعل	Noun الاسم	Noun "person" الشخص	Adjective الصفة
—	environment البيئة	environmentalist	environmental بيئي
Conserve يحافظ	Conservation المحافظة على البيئة	Conservationist المحافظ على البيئة	—
protect	protection حماية	protector حامي - مدافع - مناصر	protective واقي protected محمي

الفعل V	الاسم N	الشخص P	الصفة Adj
prevent يمنع - يوق	prevention منع - وقاية	-	preventive وقائي preventable يمكن الوقاية منه
pollute يلوث	pollution تلوث pollutant ملوث	-	polluted قذر polluting ملوث
harm يؤذي - يضر	harm ضرر - أذى	-	harmful ضار - مؤذي harmless غير ضار
destroy يدمر	destruction دمار - تدمير	destroyer مدمر - هادم	destroyed مدمر - مدمر destructive مدمر - مدمر
endanger يُعرض للخطر	danger خطر	-	dangerous خطير - خطر endangered معرض للخطر "الإنقراض"
threaten يهدد	threat تهديد	-	threatened مهدد threatening مُهدد متوعد

C) (130) effort

مجهود

attempt

محاولة

experiments تجربة [لتعلم أو لاستكشاف]

trial تجربة لإختبار مدى فاعلية ...

influence تأثير شخص على [تفكير أو سلوك شخص آخر]

Consequences عواقب [غالبًا سلبية]

effect تأثير - أثر - شيء على شيء أو شخص على شخص

result نتيجة [of sth]

3. Complete the sentences with the correct form of the words in capitals.

1. there must be an action about the river.
2. The of our flora and fauna should be a top priority for everybody.
3. Most animals attack when they feel
4. The..... of trees causes many problems.
5. Shayma is studying wildlife and fighting for animal
6. Many cleaning products contain chemicals.
7.procedures should be taken to stop pollution.
8. The black rhino is a(n)species of animals
9. A group of..... helps to stop water pollution.

POLLUTE
PROTECT
THREAT
DESTROY
CONSERVE
HARM
PREVENT
DANGER
ENVIRONMENT

Collocations

Collocation	Meaning	Collocation	Meaning
soil erosion	تآكل التربة	illegal logging	قطع الأشجار بشكل غير قانوني
climate change	التغير المناخي	toxic waste	النفايات السامة
oil spill	تسرب البترول	carbon footprint	اثر الكربون
acid rain	أمطار حمضية	ozone hole	ثقب الأوزون
water shortage	نقص المياه	species extinction	انقراض السلالات

4. Complete with the words in the boxes.

spill rain shortage waste change erosion footprint hole logging

1. All scientist are doing their best to stop species
2. Illegal leads to the disappearance of many forests.
3. Pollution is the major cause of ozone
4. Industrial cities are known for high carbon
5. The production of vegetables and fruits fall because of soil
6. Scientists expect a climate in the next 50 yrs.
7. Rich countries throw their toxic deep in the oceans.
8. They stopped plating some crops because of water.....
9. Acid damages green areas around the world.
10. Many sea creatures were found dead because of the oil.....

Word Formation

Verb	Noun	Noun(person)	Adjective
—	environment	environmentalist	environmental
conserve	conservation	conservationist	—
protect	protection	protector	protective/protected
prevent	prevention	—	preventive/preventable
pollute	pollution/ pollutant	—	polluted/polluting
harm	harm	—	harmful /harmless
destroy	destruction	destroyer	destroyed /destructive
endanger	danger	—	dangerous/endangered
threaten	threat	—	threatened/threatening

Word Formation

Verb	Adjective
pollute	polluted
protect	protection
threat	threatened
destroy	destruction
conserve	conversation
harm	harmful
prevent	preventive
danger	endangered
environment	environmentalists

Active and passive

- He watched the film. - The film was watched by him.

خطوات تحويل الجملة من معلوم إلى مجهول

1. نجعل المفعول فاعل
2. ننظر إلى زمن الجملة ويكون تكوينه كالآتي:-

Tense	معلوم Active	مجهول Passive
present simple	v → ① play don't play plays doesn't play	am is + p.p are
past simple	v → ② played didn't play	was + p.p were
present progressive	am is + v + ing are	am is + being + p.p are
past progressive	was + v + ing were	was + being + p.p were
present perfect	has + p.p have	has + been + p.p have
past perfect	had + p.p	had + been + p.p
future simple	will + inf.	will would can could shall should may might must has to am/is/are + going to + be + p.p
future perfect	will have + p.p	will have been + p.p

③ نضع قبل الفاعل كلمة بواسطة

④ نحول ضائر الفاعل إلى مفعول

I → me He → him She → her it → it you → you
we → us they → them

* He drinks milk. - He drank milk.
* Milk is drunk by him. - Milk was drunk by him.

المجهول → المعلوم Grammar "Active & passive"

- Ali plays football. - Football is played by Ali.
خطوات تحويل الجملة من معلوم إلى مجهول

1] نجعل المفعول ← فاعل 2] ننظر إلى زمن الجملة ويكون تكوينه كالتالي

المجهول passive	معلوم Active	العلامة	الزمن
I am is + p.p are	التصريف الأول play - don't play plays - doesn't play	Sometimes - usually always - often every - daily - ^{سبباً} annually	present simple مضارع بسيط
was were + p.p	التصريف الثاني played - didn't play	yesterday - Last ago - in 2020	past simple ماضي بسيط
I am is + being + p.p are	am is + v+ing are	Now - right now at the moment today - this week	present progressive المضارع المستمر
was were + being + p.p were	was + v+ing were	While — , — when at 8 yesterday	past progressive الماضي المستمر
has + p.p have	has + p.p have	since - for - just already - yet So far - recently	present perfect المضارع التام
had + p.p had + been + p.p	had + p.p	After — — before	past perfect الماضي التام
Will Can shall may + be + p.p must has to have to be + going to be + p.p	will + inf. am - is - are + going to will have + p.p could have + p.p	tomorrow, next soon - in the future	future simple المستقبل البسيط
will have been + p.p could have been + p.p	will have + p.p could have + p.p	By + فترة زمنية	future perfect perfect inf.

[3] نضع قبل الفاعل كلمة by بواسطة

[4] حول ضائر الفاعل الى مفعول

I → me He → him She → her it → it
you → you we → us they → them

He plays football.

↑ فاعل ↑ فعل ↑ مفعول

Football is played by him.

↑ فاعل

1 2 3 4

He is eating apples.

Apples are being eaten by him.

They are eating rice.

Rice is being eaten by them.

ركز على الفاعل الجدير وليس الفاعل القديم

She cooked lunch yesterday.

The students accidentally downloaded a virus onto the computer.

A virus was accidentally downloaded onto the computer by the students.

* Change into passive:

- She cleans the room.

-

- She cleaned the room.

-

- She is cleaning the room.

-

- She was cleaning the room.

-

- She has cleaned the room.

-

- She had cleaned the room.

-

- She will clean the room.

-

- She has to clean the room.

-

- We are watching the film.

- He is eating apples.

- We are drinking milk.

- She was washing the dishes.

- They were watching the film.

- Ali has done a mistake.

- We have visited London.

- I will buy a car.

- We speak English.

- We are reading books at the moment.

- They don't speak English.

- He doesn't watch TV.

- We don't eat apples.

- He didn't meet Ali.

- He didn't take the pens.

- He won't sell his car.

- No one will buy the car.

- Someone stole my watch.

ملحوظة

الجملة ذات مفعولين

- The teacher gave me a present.

↓
مفعول ثانٍ
"غير عاقل"
مفعول أول
"عاقل"

- I was given a present.

- A present was given to me.

ملحوظة

① إذا بدأنا بالمفعول العاقل فالتحويل طبيعي

② إذا بدأنا بالمفعول الغير عاقل

فإن العاقل لابد وأن يسبق ب to أو for

- My father bought Hamad a bike.

- Hamad

- A bike

- The teacher asked me some questions.

- I

- Some questions

الذفعال

Active

See
hear
watch
smell
feel } + $\frac{\text{inf.}}{v+ing}$

- We saw a red car crash into a tree.

- We heard a baby crying earlier.

passive

See
hear
watch
smell
feel } + $\frac{\text{to} + \text{inf.}}{v+ing}$

- A red car was seen to crash into a tree.

- A baby was heard crying earlier.

الفعل

Active

make } + inf.

- Our teacher made us do our homework again.

passive

made } + to + inf.

- We were made to do our homework again.

الفعل

Active

let } + inf.

- Dad let me go out yesterday.

passive

be + allowed to + inf.

- I was allowed to go out yesterday.

* Active

to + infinitive

to buy

to cook

to repair

* I need to buy a new Car.

passive

to + be + p.p

* A new Car needs to be bought.

* Active

V + ing

* He hates people shouting at him.

passive

being + p.p

* He hates being shouted at.

* في ال passive غالباً تحذف

اب اسم الموصول والفعل الماعر الذي يليه

ونكتفي ب ال p.p

- I read all the novels written by Taha Hussein.
= which were written.

* This is the Car by my father last year.
a. which bought c. buying
b. was bought d. bought

نی

say

believe

think

allege

claim

people

They

that Ali is clever

that Ali has travelled.

الگو

* I + الفعل الاول
passive

is said
is believed
was said

دجملہ الثانیہ کا ہے + that

- It is said that Ali is clever.

ضاحل
المكتبة

passive

is said

to + infinitive

have $L \cdot p \cdot p$

been

is said to ^{be} clever. ^{been}

* Ali is said to have travelled.

- people say Hamad is rich.

Active ss

- She was seen by the dead man.

People say / ----- / ----- / ----- / that he is arrogant.

↑
Verb1

↑
Verb2

Subject (passive Voice) to (infinitive)

He is said to be arrogant.

↔ have + p.p

People say he has a big fortune.

It _____

He _____

People believe that the sculptures are so lifelike.

It _____

Sculptures _____

They believe he is leaving soon.

It _____

He _____

People claim that Facebook is the most popular social media.

It _____

Facebook _____

ربہ شرح لیے صہری
ویسر لیے زہری

8. The team is going to lose the match.

9. The company was spending a lot of money on new technologies.

10. You mustn't touch this container.

11. I was writing some letters when you arrived.

12. The firemen have put out the fire.

13. They haven't finished the roadworks.

14. Are you preparing the dinner?

15. The president won't solve the problem.

16. Someone is breaking into the house

17. People play bowling here.

18. People adored cats in Egypt.

19. We don't feed the baby during the night.

20. Someone has written this book many years ago.

21. You should brush your teeth after meals.

22. People can see wild animals at Busch Gardens Tampa.

23. Someone roasted this meat for dinner.

24. Someone has already served the coffee.

25. Someone has bought this coffeemaker as a wedding gift.

- **underway** قيد التنفيذ = Currently being carried out.
- **external** خارجي = outside, from outdoors
- **maximise** يزداد للحد الأقصى = to make sth as much as possible
- **minimise** يقلل للحد الأدنى = to lessen sth to the smallest degree.
- **Combat** يقاوم - يكافح = try to prevent sth bad from occurring
- **operate** يُشغل = to be in use and functioning as expected
- **peak** قمة = the highest point.

Sustainability

استدامة - استدامة

development

تنمية

resources

موارد

generations

أجيال

commitment

التزام - تعهد

economic

اقتصادي

environmental

بيئي

Vocabulary

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- downpour

مطر غزير

- heatwave

موجة حاره

- mist

ضباب كثيف

- hail

برد / تمطر ثلجاً

- overcast

ملبد بالغيوم / غائم

- blizzard

عاصفة ثلجية

- Frost

الصقيع «المتجمد»

- showers

غيث - زخات المطر

- humid

رطب

- thunderstorm

عاصفة رعدية



- اذا اردت ان لا تتعب

فانتب لكي لا تتعب

وفقكم الله

منشأكم الدعاء

Mr

Writing: A problem/solution essay

Before you write:

Brainstorm the topic of discussion to identify the ideas you wish to develop.

حدد افكارك التي سوف تتناولها في المقال.

Introduction

- What is the topic of discussion and what hook will you use to introduce it?
- What is the problem?
- What is the scope and purpose of your essay?

حدد موضوع المناقشة ، ماهي المشكلة والغرض من كتابتها

MAIN PART

‘Problem’ paragraph

•فقرة المشكلة•

- What causes / details / background information can you provide to put the problem into context?
- What are the consequences of this problem?

ما هي أسباب المشكلة وتوابعها : المعلومات والتفاصيل من مصادر مختلفة.

‘Solution’ paragraph

•فقرة الحل•

- What is the solution?
- Why do you think this solution will be effective?

كيف الحل؟ ومدى فاعليته مع طرح الامثلة؟

Conclusion

- Summarise the points covered in your essay.

ملخص للنقاط التي تم ذكره.

A problem/solution essay

INTRODUCTION

- Introduce the topic of discussion, using an interesting hook to capture the reader's attention.
- Identify the problem.
- Write a thesis statement stating the scope and purpose of your essay.

MAIN PART

'PROBLEM' PARAGRAPH

- Discuss the problem in detail, identifying the causes as well as the consequences/impact it is having.

'SOLUTION' PARAGRAPH

- Describe the solution.
- Justify the effectiveness of the solution.

CONCLUSION

- Write a general statement that relates to your thesis statement.
- Summarise the ideas you have put forward.

Important Tips

When writing a problem/solution essay:

- *use a variety of print and digital sources to find information on the topic.*
- *create a mind map to organise information and establish connections.*
- *write an introduction that includes an interesting hook and a thesis statement that clearly states the scope and purpose of your essay.*
- *divide the main part of your essay into two paragraphs: the 'problem' paragraph and the 'solution' paragraph.*
- *expand on your ideas by explaining them clearly and supporting them with reasons or examples.*
- *write a conclusion that summarizes the points raised.*