

Answer key

UNIT 1

1.1 Animals in danger

1
1 e 2 b 3 f 4 d 5 a 6 c

2
1 penguin 2 frog 3 snake 4 bee

3
a, c, d

4
1 c 2 b 3 a 4 c

5
1 c 2 d 3 a 4 f 5 g 6 e 7 b

6
1 chimpanzees 2 endangered 3 hunting and poaching 4 around 170,000–300,000

1.2 How we're helping

1
1 are / 're seeing 2 have 3 die
4 are studying 5 is / 's explaining 6 grows

2
1 Does she know what to feed the elephants?
2 Is the situation improving?
3 Does the government have a plan?
4 Why are they arguing?
5 Does he understand the problem?
6 Why are the tigers dying?

3
2 Many of the world's wildlife populations **are decreasing**.
3 Giant panda numbers are **increasing**.
4 People **are** helping in conservation efforts.
5 Does the conservation status of an animal **make** a difference to those fighting to protect it?
6 Is your government **doing** anything to change the situation?

4
1 protects 2 working 3 it is 4 get 5 gets

6
1 a 2 b 3 a 4 b 5 b 6 b

7
/s/: hops, elephants
/z/: eyes, penguins, monkeys, zebras

1.3 Stop before it's too late

1 c
2
1 vulnerable 2 flippers 3 declined 4 hunting
5 are
3 b
4 1, 2, 5

5 (Example answers)

a There are animals that need protection more than pig-nosed turtles. We should start by trying to protect animals that are endangered as they need our help the most.
b More people should be told about the pig-nosed turtle because then more could be done to help protect the species.
c Local communities might need to eat pig-nosed turtles, so we shouldn't stop them. Other food might be too expensive or hard to find for these communities.

6
1 b 2 c 3 e 4 d 5 a

7
1 b 2 e 3 a 4 d 5 c

1.4 Why I love vultures

1 b
2
1 Simon Berrow
2 local communities, former poachers
3 because we are responsible for making many species disappear forever

3
1 b 2 b 3 a

1.5 Which to save?

1 two – destruction of habitat and poaching
2 Students' own answers
3 Students' own answers

UNIT 2

2.1 Family ties

1
1 son-in-law 2 nephew 3 grandfather
4 brother-in-law 5 mother-in-law
2
1 mother-in-law 2 grandfather 3 son-in-law
4 niece 5 brother-in-law 6 cousin
7 nephew 8 grandchild

3
1 b 2 a 3 d 4 c
4
1 parents 2 brother-in-law 3 niece

5
2 d 3 a 4 f 5 c 6 b

6 (Example answers)

1 Yes, my family is very big. I have twenty cousins and twelve nieces and nephews.
2 I'm going to see them next month. We're having a birthday party for my grandfather.
3 My next family holiday is in the summer. I'm going to Spain to visit my cousin and her family.

2.2 Generations

1
1 D 2 I 3 I 4 D 5 D 6 I

2
1 you doing 2 I'm helping 3 I'm starting
4 going to study 5 I'm working 6 you're taking 7 going to book 8 going to test

3
1 d 2 f 3 a 4 c 5 e 6 b

4
... I'm **going** to the library to borrow a book. My book club **is** going to discuss *Wuthering Heights* ... Next month **we're / we are thinking** of reading *The Da Vinci Code*. ... I bet she's **going to** choose science fiction ...

5
1 the library 2 sister 3 10 p.m. 4 sister
5 the art gallery

7
1 going to 2 going to go 3 want to
4 want to see

8
1 b 2 a 3 b 4 b

2.3 One big happy family

1
1 c 2 a 3 b

2
1 b 2 a

3 a

4
1 buy a kit 2 saliva 3 cousins 4 500,000
5 Europe and Asia

5 (Example answer)

I would most like to find out what our genes can tell us about the beginnings of different languages. I think it would be really interesting to find out why there are so many different languages in the world if we all came from the same place.

6
1 b 2 d 3 e 4 a 5 c

7
1 of interest 2 lost interest in 3 interests
4 developed an interest in 5 interest

2.4 The world's largest family reunion

1 c
2
1 ZA 2 LL 3 ZA 4 SW
3
1 c 2 a 3 b

2.5 Who's that?

1 a week

2 Students' own answers

3 Students' own answers

UNIT 3

3.1 It's a great story

1

1 dramatic 2 mysterious 3 terrifying
4 charming 5 moving

2

1 realistic 2 powerful 3 complicated
4 surprising

3

	Speaker A	Speaker B
novel	<i>Wolf Hall</i>	<i>The Wind-up Bird Chronicle</i>
author	Hilary Mantel	Haruki Murakami
setting	England	Japan
style	realistic	powerful

4

1 a 2 a 3 b 4 b 5 a 6 a

5

1 worth reading 2 it's a story about
3 It's really dramatic

6 (Example answers)

- 1 My favourite book is *Birdsong* by Sebastian Faulks.
- 2 It's about a young British soldier in France during World War I.
- 3 Definitely. It's a really powerful story and it's very moving.

3.2 What's it about?

1

1 where 2 that 3 who

2

- 1 Batman is a hero who protects the public.
- 2 This novel is about a bus that crashes.
- 3 Hogwarts is the school where Harry Potter is a student.
- 4 *Captain Corelli's Mandolin* is a novel that takes place in Greece.

3

1 that 2 where 3 who / that 4 who / that
5 that 6 that 7 who / that

4

- 2 *Wuthering Heights* is a romance that / which tells the story of Cathy and Heathcliff.
- 3 Terry Pratchett was an author who wrote fantasy novels.

4 It's an interesting novel that / which describes three generations of the same family.

5 *To Kill a Mockingbird* takes place in Alabama, where Atticus Finch lives.

6 *War and Peace* is a famous novel that / which is set in Russia.

7 The book is based on a mystery that / which no one can solve.

8 Written during the 1930s and 40s, *The Lord of the Rings* is a novel that / which is still popular today.

5

1 b 2 c 3 a 4 d

6

3 and 4

7

1 after 2 pronounced

8

2, 4 and 6

3.3 A world in books

1

1 A blogger 2 someone he knows 3 title
4 plot

2

1 b 2 c 3 a 4 b

3 b

4

1 F 2 NG 3 F 4 T 5 T 6 T

5 (Example answer)

I'd like to read *Fahrenheit 451*. The reviewer makes it sound really interesting, and it's the sort of story that I like reading.

6

phrase	usage
speak about	discuss
just about	nearly
about to	be going to do something very soon
worried about	feel nervous or upset because of a problem that you have
what about	asking for information or an opinion on something

7

1 worried about 2 What about 3 about to
4 speak about 5 just about

3.4 My year reading a book from every country

1 a

2

1 b 2 c 3 a

3

1 a person 2 red 3 think

3.5 A good read

1 The Bennet family

2 Students' own answers

3 Students' own answers

UNIT 4

4.1 Feel the music

1

Across: 3 country 5 relaxed 7 lively
8 electronic Down: 1 gentle
2 cheerful 4 romantic 6 rhythmic

2 (Example answers)

- 1 I prefer hip hop music because it's more lively. It makes me want to dance!
- 2 I probably listen to easy listening more. I don't like heavy metal because it's too loud.
- 3 Country music makes me feel cheerful. Easy listening music makes me feel relaxed.

3

1 c 2 a 3 d

4

- 1 It's lively and upbeat.
- 2 He doesn't like it because he thinks it's boring.
- 3 She felt full of energy.

5

1 many 2 song 3 famous 4 concert

6 (Example answers)

- 1 I like lots of different music, but my favourites are rock and pop.
- 2 Yes, I have hundreds!
- 3 My favourite song is *Mr Brightside* by The Killers. It's really lively and it reminds me of being at university.

4.2 Getting into a good rhythm

1

1 U 2 C 3 C 4 U 5 C 6 U

2

1 b 2 c 3 a 4 c 5 a 6 a

3

1 few 2 Lots of 3 many

4

- 1 I have **a few** easy listening songs on my phone, but not many.
- 2 **Many / Lots of** new hip-hop songs are by women.
- 3 This song doesn't have **a lot of** rhythm.

5

1 too much 2 any 3 how much
4 a lot of / lots of

7

1 attitude 2 important 3 passion 4 rhythmic
5 reduce 6 classical 7 heavy 8 performer

8

O o: country, gentle, listen
o O: effect
O o o: instrument, musical
o O o: composer, musician

4.3 It's our song

1 a

2

1 a 2 b 3 c

3 b

4

1 a 2 b 3 b

5 (Example answers)

- a I think it would be helpful if the smart trainer counted how many calories you'd burned to give you an idea of how hard you've worked during the exercise.
- b I think it would be better if it chose music from other sources, rather than your own collection. You might not have many songs, or they might all be a similar speed.
- c I think the smart trainer would be improved if it let you play songs slower or faster. You might get tired halfway through a song, and want to slow the music down.

6

2 to be told information
3 to receive sound
4 to be contacted by someone
5 to know about something or someone

7

1 a 2 b 3 e 4 c 5 d

4.4 Why I take the piano on the road ... and in the air

1

1 c 2 a 3 b

2

1 a 2 b 3 a

3

1 severe 2 impress 3 break down

4.5 Musical choices

- 1 It made them feel strong and confident.
- 2 Students' own answers
- 3 Students' own answers

UNIT 5

5.1 Does it go?

1

1 contrast 2 shape 3 texture 4 lines
5 size 6 colours

2

1 pale 2 huge 3 dramatic 4 smooth
5 round 6 curved

3

1 a 2 b 3 b

4

2 black 3 contrast 4 texture 5 curved

5

1 b 2 a 3 a 4 b

6 (Example answers)

- 1 I like the texture. It's very unusual.
- 2 I don't like shape. It's too round and doesn't look like it would be very comfortable to sit on.

5.2 Signs of the times

1

1 b 2 c 3 b 4 a 5 a 6 a

2

1 middle 2 Above 3 On 4 left
5 around 6 bottom

3

1 inside / in the middle of 2 on
3 around 4 at

4

1 in the middle 2 around 3 on the left
4 on the right 5 Above 6 below

6

1, 2, 3, 4 and 8 are dropped

7

1 background colour 2 red and green
3 most beautiful 4 second time

5.3 Symbol of a city

1 c

2

1 c 2 e 3 a 4 b

3 a

4

1 a 2 b 3 b 4 a

5 (Example answer)

My opinion is more like the man's. I love the Olympics and I like how the flag represents all of the countries that take part.

6

1 decorated 2 made 3 adverts 4 verb,
before 5 drawings 6 adjective, expensive

7

1 e 2 d 3 f 4 a 5 b 6 c

5.4 The worst-designed thing you've never noticed

1 c

2

1 b 2 a 3 b

3

1 offers 2 profession 3 got rid of

5.5 Keeping it simple

1 the beauty of the sun

2 Students' own answers

3 Students' own answers

UNIT 6

6.1 They changed my life

1

1 supported 2 changed 3 was
4 inspired 5 gave 6 showed

2 (Example answers)

- 1 Yes, moving to Brazil changed my life. I wouldn't have got my dream job otherwise.
- 2 My cousin was my role model. She's older than me, and was always doing exciting things like travelling the world. I knew that I wanted to be like her when I grew up.

3

1 c 2 b 3 d

4

1 volunteer, time 2 business, birthday
3 painting, talent

5

1 give, told 2 gave, said
3 inspiration, said

6 (Example answers)

- 1 One of my university lecturers. They inspired me to become a journalist.
- 2 She told me that I could achieve anything if I worked hard.

6.2 Inspiring words

1

1 a 2 b 3 b 4 c 5 a 6 b

2

1 wanted 2 wasn't 3 to wait 4 was
5 didn't 6 hated 7 planned 8 to think

3

1 told 2 said 3 said 4 told 5 said 6 told

4

- 2 (that) he didn't like it / the painting at all.
- 3 (that) she didn't either.
- 4 Michele (that) he preferred the first one / painting (that) they looked at.
- 5 (that) she did too.

5
1 to quit **2** loved **3** didn't say **4** practise
5 walk

7
1 ... Mount Kilimanjaro, she decided ...
2 As a child, his
3 ... traditional life, but I ...
4 In 2016, athletes from ...
5 ... my project, and I ...

8
1 1 **2** 2 **3** 2 **4** 1

6.3 Inspiring lives

1 c
2 Mufleh: c, f: Dodson: b Both: a, d, e
3 1 T 2 T 3 F

4
1 afraid, new things
2 help other people
3 stories, special

5 (Example answers)
2 – Mufleh and Dodson both started nonprofit companies that focus on helping other people. **1** and **3** are also possible. Mufleh and Dodson both set up companies that use new and different ideas. This suggests that they showed bravery by setting their own path. Mufleh, in particular, reaches us emotionally by telling us about the refugee children she works with.

6
1 very popular **2** well **3** not really managing
4 good **5** achieve

7
1 b **2** c **3** e **4** a **5** d

6.4 How a boy became an artist

1 b

2
1 b **2** c

3
1 b **2** c **3** a

6.5 A world of inspiration

1 It shows people can achieve great things if they try and don't give up. It shows us that nothing is impossible.

2 Students' own answers

3 Students' own answers

UNIT 7

7.1 It's better for the environment

1
1 genetically modified **2** organic **3** free-range
4 fair-trade **5** sustainable **6** locally-produced

2
1 I try to support fair-trade organizations. I buy fair-trade food most weeks, but it can be expensive.
2 No, I wouldn't choose to eat genetically modified food in case it's bad for my health.

3 c

4
1 no **2** beans **3** ethical **4** cotton

5
1 That makes sense **2** spend **3** done

6
1 done **2** How come **3** That makes sense
4 spend

7.2 What does the future hold?

1
2 the Earth's average temperature will increase
3 the situation won't improve
4 sea levels will rise
5 ice and snow will decrease
6 levels of rainfall will change
7 supplies of oil won't last

2
2 won't leave **3** won't be **4** 'll use **5** won't give up **6** 'll eat **7** 'll be **8** 'll try

3
1 c **2** a **3** d **4** b

4
2 will probably **3** don't think **4** probably won't **5** will definitely

5
1 Yes, it will **2** No, it won't **3** Yes, it will
4 No, it won't

7
1 a predict b prediction
2 a achieve b achievement
3 a consider b consideration
4 a perform b performance
5 a admire b admiration
6 a extinct b extinction

8
o O: arrive, construct, direct, explain, inform, object
O o o: graduate
o O o: arrival, construction, direction, objection
o o O o: explanation, graduation, information

7.3 A kinder way

1 b

2
1 b **2** a **3** b

3 b

4
1 unlikely **2** better **3** cheaper

5 (Example answer)

I agree with the writer of the article. I think it's really important to use more sustainable packaging. It might be more expensive, but it's worth it if it stops us from wasting our planet's resources.

6
1 useful **2** use **3** use **4** used to **5** useless
6 used up

7
1 use up **2** useful **3** use **4** used to
5 useless **6** use

7.4 Leather and meat without killing animals

1 b

2
1 because they think of nature as a free resource
2 how fishing is managed internationally and world hunger
3 by the way we eat (too much meat and too much fast food)

3
1 connection **2** calculate **3** practical

7.5 Looking ahead

1 They think people will probably get more illnesses because of them.

2 Students' own answers

3 Students' own answers

UNIT 8

8.1 What makes a great city?

1
1 multicultural **2** flea **3** halls **4** bustling
5 lively **6** riverfront **7** ancient **8** gallery
9 industrial estates **10** suburbs

2 (Example answers)

1 old buildings, old city walls, castles, museums
2 Yes, because they're a fun place for families to visit.
3 I'd prefer to live in a residential area in town because it's more lively and there are more places where you can hang out with friends.

3 b

4
1 T **2** F **3** T **4** F **5** T

5
2 f **3** a **4** d **5** b **6** e

6 (Example answers)

- 1 Yes, there's an Italian restaurant that does really nice food. We go there for lunch every Friday.
- 2 A café called The Pot. I like it because it's really cosy and they have live music there in the evenings.
- 3 bustling, multicultural, beautiful

8.2 Happy cities

- 1 separable: check out, point out
inseparable: grew up, get around, going on, hang out, eat out, chill out

2

- 1 b 2 a 3 c 4 a 5 c 6 a

3

- 1 I'm looking after my niece this weekend.
- 2 Why not check the historic area out? / Why not check out the historic area?
- 3 We're looking forward to seeing the galleries.
- 4 They grew up in the suburbs.
- 5 I hope they clean up the flea market soon. / I hope they clean the flea market up soon.
- 6 Could you pick us up at the concert hall?
- 7 Nobody hangs out at that café now.
- 8 Put on a jacket because it's cold at the riverfront. / Put a jacket on because it's cold at the riverfront.

5

- 1 falling intonation 4 falling intonation
2 rising intonation 5 rising intonation
3 rising intonation 6 falling intonation

6

- 1 a 2 b 3 a

8.3 Connecting citizens

1 c

2

- 1, 3, 4, 6, 8 and 9

3

- 1 greener 2 traffic 3 higher 4 connected

4

- 1 d 2 e 3 a 4 b 5 c

5 (Suggested answers)

- 1 - Barcelona has sensors that measure pollution. More efficient bus routes have helped to reduce pollution. Its main beach uses wind- and solar-powered lights.
- 2 - Barcelona has made its bus routes more efficient, increasing the number of riders by thirty per cent. Parking sensors mean that drivers don't have to drive around to look for a parking space.
- 4 - Barcelona has introduced technology to measure noise, pollution and crowd numbers. There are sensors in rubbish containers and sensors in streets under

parking spaces. There's free Wi-Fi along the beaches, parks and other public spaces.

6

- 1 a 2 c 3 b 4 b 5 a 6 c

7

- 1 c 2 f 3 e 4 a 5 b 6 d

8.4 It's our city. Let's fix it

1 b

2

- 1 c 2 a 3 b

3

- 1 b 2 c 3 a

8.5 Creative solutions

- 1 They think it would make people smile.
- 2 Students' own answers
- 3 Students' own answers

UNIT 9

9.1 It's for a good cause

1

- 1 donated 2 fundraiser 3 support
4 donation 5 raise 6 sponsor

2

- 1 donates 2 making 3 support 4 raise
5 hold

3

- 1 a 2 a

4

- 1 27 2 Africa 3 23rd 4 20th 5 fifty
6 1,000,000 / one million

5

- 1 a 2 d 3 b 4 e 5 c

6 (Example answers)

- 1 I'm raising money for a charity that helps children from poor families around the world.
- 2 I held a fundraising event at work. We raised £200.

9.2 I'll help!

1

- 1 If they **don't** listen, they won't understand.
- 2 She'll volunteer on Saturday if she **has** time.
- 3 If I **buy** the tickets, will you come with me?
- 4 We'll **organise** a fundraiser if you bring all your friends.
- 5 If **he wins** the lottery, will he give some of the money to charity?
- 6 If you send me the information, **I'll make** a donation.

2

- 1 go 2 will 3 don't go 4 We'll 5 asks
6 won't like 7 get 8 I'll give

3

- 1 c 2 d 3 b 4 a

4 (Example answers)

- 1 he'll definitely come
- 2 you help me finish my project, I'll help you with the planning
- 3 more people will see it

5

- 1 won't 2 will 3 will 4 will

7

- 1 b 2 a 3 a 4 a 5 b 6 b

8

- 1 a 2 b 3 a 4 b

9.3 Donation revolution

1 b

2

- 1 lunch at a restaurant, a film, a coffee
- 2 If enough people have the app, and use it often enough, it'll make a difference.
- 3 They can invite family, friends and colleagues to download it.
- 4 It makes people more aware of how much they spend every day.

3 b

4

- 1 a 2 a 3 b

5 (Example answer)

I think it's a good idea because it gives people a quick way of donating. People are more likely to donate to charities if it's easy.

6

- 1 b 2 b 3 a 4 b 5 a 6 b

7

- 1 going up 2 go by 3 go away 4 go on
5 going in 6 went off

9.4 Should you donate differently?

1 c

- 2 1 c 2 a 3 b

- 3 1 size 2 poor 3 don't have

9.5 Make a difference

- 1 They can afford the books and uniforms they need to go to school. It also provides medical services and arts and sports programmes.
- 2 Students' own answers
- 3 Students' own answers

UNIT 10

10.1 The brain

1

- 1 balance 2 concentration 3 sensation
4 emotion 5 dreams 6 memory

2 (Example answers)

- 1 I remember my dreams sometimes, but not always. In the last dream I remember, I won the lottery!
2 taking an exam, driving a car, solving a maths problem, reading a complicated novel, playing the piano

3

- 1 c 2 b 3 a

4

- 1 wash it 2 study 3 call first

5

- 1 complicated 2 try 3 I'd love to
4 Keep trying

6 (Example answers)

- 1 I like playing games like chess. They take a long time to play, so it's a great feeling when you win.
2 I think they help to improve your concentration because you have to think very carefully about each thing you do.

10.2 That's amazing!

1

- 1 c 2 b 3 a 4 b 5 a 6 c

2

- 1 at the moment 2 Fortunately 3 well
4 correctly 5 quickly 6 easily
7 Interestingly

3

- 1 Unsurprisingly, most people seem to be visual learners.
2 Margot completed the word puzzle easily. / Margot easily completed the word puzzle.
3 Jennifer completed the memory test perfectly.
4 They are working in the library quietly. / They are quietly working in the library.
5 Patricia plays tennis regularly. / Patricia regularly plays tennis.
6 Amazingly, Jason got one hundred per cent right on his maths test.

4

- 2 **Luckily**, there are some easy things you can do.
3 One way is to try juggling, but understand that you might not make progress **quickly**.
4 **Fortunately**, there are many videos of people juggling.
5 You can find them online **easily**. / You can **easily** find them online.
6 Try these techniques and **hopefully** you'll improve your hand-eye coordination

5

- 1 Fortunately 2 immediately 3 quietly
4 correctly 5 obviously 6 easily

7

- 1 comfortable 2 camera 3 vegetable
4 temperature

8

- 1 chocolate, actually 2 Mystery, favourite
3 family, business 4 several, restaurants

10.3 Look, no hands!

1 c

2

- 1 brain
2 is not
3 communicate in new ways
4 privacy
5 doesn't want
6 not being able to hear

3 b

4

- 1 T 2 F 3 T 4 F 5 NG 6 T 7 T

5 (Example answer)

I think that brain implants are a good idea. The advantage of being able to help people with disabilities and diseases is more important than the possible problems, such as side effects.

6

- 1 d 2 c 3 f 4 a 5 e 6 b

7

- 1 don't mind 2 changed his mind 3 mind
4 do you mind 5 make up 6 offered to mind

10.4 A headset that reads your brainwaves

1 a

2

- 1 It allows users to see, touch and move holograms as if they were physical objects.
2 Greg Gage's experiment
3 his work on ways for two minds to send messages brain to brain

3

- 1 paralyzed 2 inexpensive 3 hologram

10.5 It'll make your life easier

- 1 They think it will benefit busy people like business people and students.

2 Students' own answers

3 (Example answer)

Dear Joel, Thank you for your email. I'm really pleased that you like Mind Delivery. At the moment, the menu includes 150 different dishes from twenty

different countries. However, we will be adding more food soon. The headset is £700 and it can be ordered from our website www.minddelivery.com. It comes with detailed instructions on how the headset works and how to set it up. There is also a fee of £80 a month to cover the cost of any food that is delivered to you. Please let me know if you have any other questions about the product.
Best wishes,
Julia

UNIT 11

11.1 Nature at its best

1

- 1 gorgeous 2 go for a walk 3 go on 4 in
5 on 6 go 7 go for 8 flat

2

- 2 go on 3 breathtaking 4 a 5 camping
6 go 7 mountainous 8 on top of
9 in 10 the coast 11 on 12 island
13 diving

3

- 1 T 2 F 3 T 4 F

4

- 1 a 2 a 3 c 4 b 5 c

5

- 2 e 3 b 4 f 5 d 6 a

6 (Example answers)

- 1 I like to go walking in the Lake District. There are lots of lakes and mountains and it's really pretty.
2 I usually see lots of wildlife, such as red squirrels and wild ponies.
3 Yes, I'd love to. I think the view from the top would be breathtaking.

11.2 Have you ever seen a bear?

1

- 1 climbed 2 has 3 done 4 had 5 has
6 camped 7 been 8 made

2

- 1 climbed 2 seen 3 swum
4 haven't visited

3

- 1 b 2 a 3 a 4 b 5 a 6 a

4

- 1 Have you ever seen a bear in the wild? Yes, I have.
2 Have they ever been to Machu Picchu? No, they haven't.
3 Has your brother ever climbed a mountain? Yes, he has, and so have I.
4 Has Anna ever camped in a forest? No, she hasn't, and neither have I.

5

1 has been described 2 has lasted
3 has made 4 has brought 5 has visited
6 went 7 named

7

1 b 2 a 3 a 4 b 5 b 6 b

8

1 They've never visited a farm.
2 She always enjoyed going for a walk.
3 We planted a tree in the garden.
4 He's always loved nature.
5 I've had such a great trip.

11.3 Small is beautiful

1 b

2

1 increase monarch butterfly numbers,
reduce the number of honeybee losses in
the winter and fight CCD
2 no one understands what causes CCD
3 banning certain pesticides

3 b

4

1 b 2 b 3 a

5 (Example answer)

I think protecting land will be effective. I also think increasing monarch butterfly numbers is a good idea, but the article doesn't say much about this so it's hard to tell if it will be effective. I think the third part of the plan, reducing the loss of honeybees, will only be effective if the pesticides that kill them are banned.

6

1 run out 2 carry out 3 get out 4 find out
5 look out 6 throw out 7 help out
8 try out

7

1 carry out 2 run out 3 find out
4 throw out 5 look out 6 help out
7 try, out 8 get out

11.4 The hidden beauty of pollination

1

1 c 2 a 3 b

2

1 Schwartzberg and Greenberg
2 because they help in the process of
pollination
3 He uses powerful microscopes.

3

1 microscope 2 invisible 3 astonishing

11.5 Getting out into nature

1 Butterflies and Oak Forest

2 Students' own answers

3 Students' own answers

UNIT 12

12.1 Recent discoveries

1

1 discovered 2 ruins 3 tomb 4 artefacts
5 pottery 6 excavate

2

1 fossil 2 inspect 3 artefact 4 pottery
5 tomb

3

1 a 2 b 3 c

4

1 b 2 a 3 a

5

1 d 2 e 3 f 4 a 5 b 6 c

6 (Example answers)

2 ancient tomb / ruin / building / fossil
3 about / around / approximately
4 discovered / located
5 looking / searching
6 excavated / discovered / identified

12.2 Amazing finds

1

1 A 2 P 3 A 4 P 5 P 6 P

2

2 say 3 is thought 4 were found 5 were
decorated 6 were owned 7 was discovered
8 found 9 believe that 10 were used

3

1 They ~~were~~ found the gold in the tomb.
2 Pompeii **was** covered in volcanic ash.
3 The ship **was** last seen on 13th October,
1598.
4 The monument **was** built for the king in
1772.
5 The *Titanic* **was** discovered in 1986.
6 The Egyptian team **was** identified the tomb.
7 The museum is visited **by** lots of people.
8 Special equipment was **needed** to clean
the artefacts.

4

1 Are the tombs covered in paintings? No,
they aren't. / No, they're not.
2 Where were the fossils discovered? They
were discovered in Somalia.
3 Is the museum visited by many people?
Yes, it is.
4 Are the caves protected? No, they aren't. /
No, they're not.
5 When were the ruins found? They were
found in 2002.

5

1 the Orkney islands
2 1850
3 They were buried for thousands of years.
4 1,500 metres
5 to protect the site from the sea

7

1 /aɪ/ 2 /aʊ/ 3 /eɪ/ 4 /ɔɪ/ 5 /aʊ/ 6 /aɪ/

8

1 coin, found, by
2 How, about, nature
(Note that the /əʊ/ sound in *going* is also a
diphthong.)
3 Why, decide, stay
4 My, counted, eight
5 type, flowers, they
6 How, five, destroyed

12.3 It's in his bones

1

1 c 2 a

2

1 T 2 T 3 F 4 F 5 T

3 c

4

1 b 2 c 3 c

5 (Example answer)

I think the Age of Exploration affected
traders positively as it led to the discovery
of new items to trade, as well as many new
countries and people to trade with. This
probably helped many traders become
rich.

6

1 c 2 a 3 d 4 f 5 b 6 e

7

1 d 2 c 3 f 4 b 5 e 6 a

12.4 How we unearthed the Spinosaurus

1 b

2

1 Kenneth Lacovara 2 Paul Sereno
3 Jack Horner

3

1 extremely 2 wide 3 search for

12.5 What have you found?

1 She was planting a tree behind her house.

2 Students' own answers

3 Students' own answers