

## Lessons 1–2 Are you a good communicator?

- 1 Think of some advantages and disadvantages of the technology that Lena and Ahmed talk about.

- 1 Reading on an iPad  
 + You can put a lot of books on an iPad.  
 - The feel of a real book is better than an iPad.
- 2 Using the Internet for homework
- 3 Downloading films from the Internet
- 4 Using apps for learning languages
- 5 Having friends on social networks
- 6 Writing blogs
- 7 Having wi-fi on holiday
- 8 Using mobile phones in public places

- 2 Complete the sentences with appropriate words from the box.

① • Internet (x2)    ③ • app    ⑤ • Skype    ② • download    ⑤ • email    ④ • mobile phone

- 1 When we are doing a project, we look up a lot of things on the internet.
- 2 I don't think it's fair to film makers to download films from the internet for free.
- 3 Can you recommend an app for learning to read music?
- 4 I always take my mobile phone with me when I go out so that my parents can keep in touch with me.
- 5 It's easy to connect with friends using skype and email.



## Lessons 3-4 Virtual reality (VR)

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1 Match the words in the box with the definitions.

- 1 Someone who designs buildings. \_\_\_\_\_
- 2 A hard hat that covers the head, usually to protect it. \_\_\_\_\_
- 3 Thick, stiff paper used for making boxes. \_\_\_\_\_
- 4 Something created or shown by a computer, or existing only on computers. \_\_\_\_\_
- 5 Can be used or experienced instead of something else. \_\_\_\_\_
- 6 Special glasses that cover the eyes. \_\_\_\_\_
- 7 Not natural or real, but made by people. \_\_\_\_\_
- 8 A piece of equipment you wear to listen to recorded sound. \_\_\_\_\_

- 7 • artificial
- 5 • alternative
- 6 • goggles
- 2 • helmet
- 8 • headphones
- 1 • architect
- 4 • virtual
- 3 • cardboard

2 Complete sentences with the words from Activity 1.

- 1 Zahar Hadid was the architect who designed the Sheikh Zayed Bridge.
- 2 You can meet with friends in a virtual community on the Internet.
- 3 Technologists are looking for alternative ways to produce electricity.
- 4 We can use some card board to make models for our project.
- 5 I always wear head phone when I watch videos at night so that I don't disturb my parents.
- 6 You have to wear a helmet when you ride a motorcycle.
- 7 I need some goggles for when I go swimming.
- 8 He lost his leg in a car accident so he now uses an architect leg.

3 Work with a partner. Discuss and then write a short proposal for a new VR app to be used on a phone with the cardboard goggles.

I can download a lot of apps on my mobile phone to use it to VR, I can download apps to download films to see them when I use VR glasses, I can also download video games also to play them when I am wearing VR glasses.

4 Combine the pairs of sentences using *to*.

1 I wanted to find out the football score. That's why I turned my computer on.  
I turned my computer on to find out the football score.

2 My mum wanted to buy a new mobile phone. That's why she went into town.

My mum went into town to buy a new mobile phone.

3 I wanted to ask you about the maths homework. That's why I phoned you.

I phoned you to ask you about the maths homework.

4 He wanted to find the cinema. That's why he looked at the map on his phone.

He looked at the map on his phone to find the cinema.

5 Combine the pairs of sentences with *in order (not) to*.

1 My teacher bought a new laptop. She wanted to make life easier when she was travelling.

My teacher bought a new laptop in order to make life easier when she was travelling.

2 I saved up some money. I wanted to buy an iPod.

I saved up some money in order to buy a ipod.

3 I took my phone with me. I didn't want to miss your call.

I took my phone with me in order not to miss your call.

4 Our teacher told us to use the Internet. She wanted us to do some research.

our teacher told us use the internet in order to do some research.

6 Combine the sentences with *so that* and *could/couldn't* or *would/wouldn't*.

1 Our teacher gave us practice papers. She wanted us to be ready for the exam.

Our teacher gave us practice papers so that we would be ready for the exam.

2 I gave my cousin my email address. I wanted her to send me her holiday photos.

I gave my cousin my email address so that she could send me her holiday photos.

3 I put my phone on silent. I didn't want it to disturb anyone.

I put my phone on silent so that it wouldn't disturb anyone

4 I bought myself an iPad. I wanted to work at home, at school and anywhere else.

I bought myself an ipad so that I could work at home at school and anywhere else.

# Lessons 5-6 The School of the Air

1 Write a Did you know? box about Australia.

## Did you know?

- ① Australia is as wide as the distance between London and Moscow.
- ② Australia was the second country in the world to allow women vote (New Zealand was first).
- ③ The world's oldest fossil, which is about 3.4 billion years old, was found in Australia.
- ④ Australia has the highest electricity price in the world.
- ⑤ Australia was one of the founding members of the United Nations.
- ⑥ Australia has 3.3 more sheep than people.
- ⑦ No Australian animals have hooves.

2 Compare your school and the School of the Air.

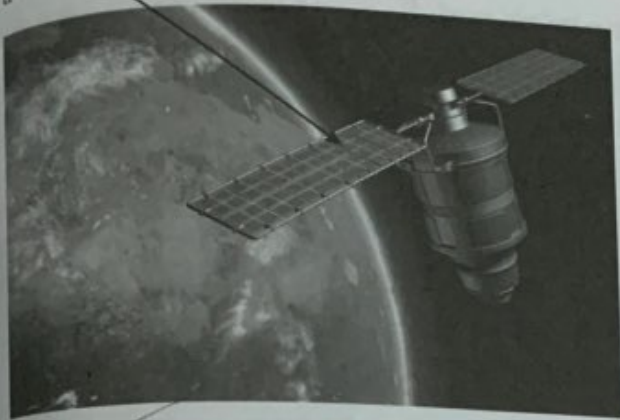
My school	The School of the Air
1 I work in a school building	work at home
2 Teacher in a class room.	Teacher in a studio
3 Teacher and learners talk in the class room.	Teacher and learners talk using webcams, computers and satellite.
4 Give home work to the teacher.	Send home works by email
5 see other learners every day	see other learners once a year at sport day.

3 Would you like to live in the Australian Outback and study with the School of the Air? Write a paragraph to answer and give your reasons.

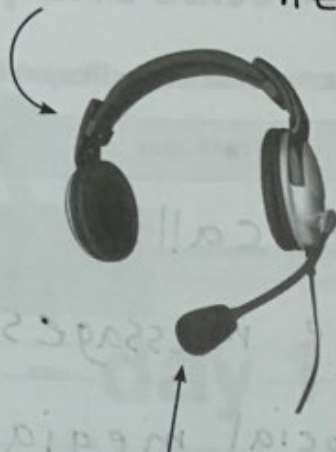
Australia is nice country and has many features but some times I wish to study there and sometime no, I wish to go there because they have high technology in studying, but they have only one chance to meet each others, some there will be problems in a computer so you can't solve homework or understand the lessons.

4 Label the pictures by reordering the letters.

1 atselilte Satellite



2 shapondeeh head phones

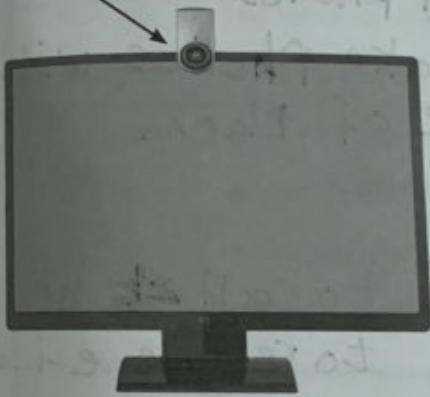


3 rocimoneph microphone

5 cartetivive drowabeith interactive white board



4 cabmew webcam



5 Look at the pictures in Activity 4 and answer the questions.

1 Where do you find number 1 and what does it do?

it  
You find <sup>it</sup> in space. it goes around the earth. It recieves and send signals.

2 When and why would you wear number 2?

You wear them when you are listening to music and you dont want every one else call a borative

3 What does number 3 do?

It records sounds to hear in order to send it electronically. Production, boost communication and information

4 What does number 4 do? it record moving pictures and sound so that can be shown on the internet as they happ

Is number 5 better than an ordinary board?

Why?

Yes of course, because it increases enagement in.

is avilble to you Finger ti with touch technology.

## Lesson 7 Practise and prepare

- 1 Work with a partner. Make notes on the advantages and disadvantages of smartwatches.

Advantages	Disadvantages
make calls	can't work alone
receive messages	so small
have social media	so slow
Take photo	you can't use it with all small phones.
can receive e-mails	can't take photos with same of them

- 2 Write sentences about the uses (or purposes) of a smartwatch.  
Use *to*, *in order to* and *so that*.

Smart watches are widely used to call her  
They can also be used in ar. to receive e-mails  
and messages. you must have one. so that they can  
keep in touch.

- 3 Write an advert for a smartwatch.

- Draw a picture or find one on the Internet.
- Include a short simple list of its uses and the advantages of having one (do NOT include the disadvantages).
- Be positive and enthusiastic - you want to sell it!

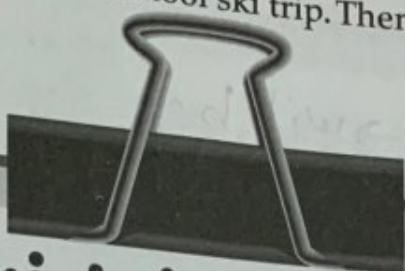
The smart watch have a camera.

The smart watch its good for you.

You can used, for call  
can receive e-mails.

have social media.

Read the itinerary for the first day of the school ski trip. Then write an account of what will happen. Use the passive.



# School ski trip - day 1

- 6.30 am coach takes students and teachers from school to the airport
- 10.00 am local guide meets us
- 10.30 am bus takes us to hotel
- 12.00 pm hotel serves lunch
- 1.00 pm local ski shop provides skis and boots
- 1.30 pm teachers collect lift passes and hand them out to students
- 2.15 pm
  - ski instructors meet students at the Alpine ski lift
  - ski instructors divide students into groups according to ability
- 2.30 pm the instructors accompany students to the slopes for their first lesson
- 4.30 pm teachers meet students at the bottom of the lift and take them back to the hotel

Students and teachers will be taken from school to the airport by coach.

We will be met ... by a local guide.

we will be taken to the hotel by bus.

Lunch will be served at the hotel.

Skis and boot will be provided by the local ski shop.

Lift passe will be collected the teacher and handed out to learners.

Learners will be met by ski instructors at the Alpine ski lift.

Learners will be divided into groups according to ability.

Learner will be accompanied to the slopes for their first lessons.

Learner will be met by teachers at the bottom of the lift and taken back to

of the lift and taken back to

2 Write predictions. What will happen in these areas. Use the ideas in the boxes to help you.

- robots
- cloud seeding
- smart kitchens
- 'vertical farms' on the roofs of buildings

- perform surgery
- drive cars
- control weather/traffic
- look after patients
- teach students
- order/buy/prepare food
- produce rain
- book tickets
- cook dishes
- store knowledge and information

In the future → will be

medicine  
and surgery

1 In the future, surgery will be performed by robots.

teaching  
and learning

2 In the future, teaching and learning will be taught by robots.

transport in  
the UAE

3 In the future transport in UAE be driven by it self.

food and  
cooking

4 In the future food and cooking will be prepared by smart kitchens.

weather

5 In future weather will be produced by cloud seeding

3 What are your predictions for the future of e-communication? Write sentences.

I think in the future most cars will be driven by computers. My functions in homes will also be done by computers. Most of our electricity will be provided by solar panels. We won't go out to because shopping will be done online. We won't even go to school anymore because teaching will be done

online too.

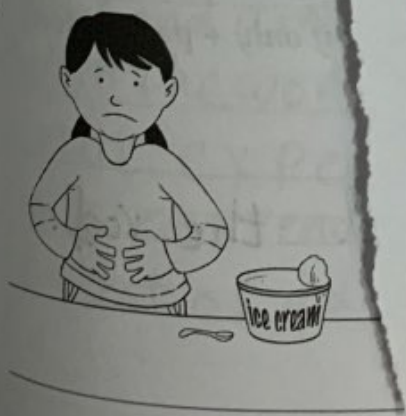
Lessons 10-11 I wish I hadn't done that!

Write captions for the pictures.

... should have/shou



... should have turned my



② I should have done my home work earlier.

③ I shouldn't have left my mobil in my pocket.

④ I shouldn't have eaten some ice cream.

⑤ I wish'd turne my mobbille off

⑥ If only I hadn't opened that attachment.

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**2 Match these situations and regrets.**

**Situations**

- 1 My new smartwatch doesn't work anymore. **F**
- 2 I can't use my phone now. **C**
- 3 My brother broke the computer screen. **d**
- 4 We had to leave the car and walk to find help. **e**
- 5 I can't get on the Internet. **a**
- 6 I'm so tired. **b**

- a** If only we had a better wi-fi signal.
- b** I wish I hadn't stayed up all night chatting to friends on Skype.
- c** I wish I'd bought some credit for it.
- d** He shouldn't have kicked a ball in the house.
- e** If only my father had put more fuel in the car.
- f** I should have taken it off when I went in the sea.

**3 Complete the sentences with *should have/shouldn't have* and a verb from the box.**

• ask • eat • look • repair • run • tell



- 1 She should have looked where she was going.
- 2 He shouldn't have run so fast.
- 3 We should have repaired the roof.

**4 Now rewrite your sentences from Activity 3 using *wish (that)* or *if only* + past perfect.**

- 1 If only she'd looked where she was going.
- 2 If only he hadn't run so fast.
- 3 I wish (that) if only we'd repaired the roof.

# Lessons 12-13 Emailing and texting

1 Use the words in the box to complete the text about the advantages and disadvantages of email.

- arrives
- attachment
- expensive
- junk
- message
- quick
- send
- texting
- too
- uses
- virus
- wish

## Advantages of email

It's very <sup>1</sup> quick. You can send a message and it usually <sup>2</sup> arrives a few seconds later.

You can <sup>3</sup> send an email message anywhere in the world.

It's not <sup>4</sup> expensive. It's cheaper than <sup>5</sup> texting if you want to send a message to a friend in another country.

And you can send the same <sup>6</sup> \_\_\_\_\_ to lots of different people at the same time.

## Disadvantages of email

Not everyone <sup>7</sup> uses email.

You get quite a lot of <sup>8</sup> junk mail from people wanting to sell things. It's really annoying.

Sometimes it's just <sup>9</sup> too quick and easy. You write an email and send it without thinking and then you <sup>10</sup> wish you hadn't.

An email might have an <sup>11</sup> attachment with a <sup>12</sup> virus, which can really mess up your computer.

2 Write about the advantages and disadvantages of texting. Use the text on emails above as a model.

Advantages of texting	Disadvantages of texting
very quick	not every one uses email.
You send a message anywhere in the world	junk email for adverts.
not expensive	You can send emails quickly without thinking and the
You can send same message to lots of different people	attachments may contain a virus.

# Lesson 14 Practise and prepare

1 Match the words in the box with the definitions.

- ⑤ straightforward      ④ headset      ② concentrate      ① sigh      ③ system

- 1 A slow breath out that often shows sadness or tiredness. \_\_\_\_\_
- 2 Give all your attention to what you are doing. \_\_\_\_\_
- 3 A set of connected things that work together. \_\_\_\_\_
- 4 A piece of equipment you wear over your head. \_\_\_\_\_
- 5 Not complicated or difficult to understand. \_\_\_\_\_

2 Write sentences of your own using the words from Activity 1 above.

- 1 The human body is made up of many system.
- 2 I always like to wear headset.
- 3 we have anew computer system in the library.
- 4 she sighed with disappointment at the news.
- 5 we should concentrate on our studies.

3 Write a paragraph about the application of Brain-Machine Interface using the ideas you discussed with your group. Explain why it will be useful or exciting.

A brain-machine interface (BMT) is a device that translates neuronal information into command capable of controlling external software or hardware such as a computer or robotic arm. BMIs are often used as assisted living devices for individuals with motor sensory impairments.



# Lesson 15 Revision quiz

1 Write appropriate questions for these answers.

1 Why do you always take your mobile phone with you when you go out?

So that I can call my parents and tell them where I am.

2 why did you call me?

To ask you if you wanted to come shopping with me tomorrow.

3 How many lessons a day does at the school of the air usually have?

Students at the School of the Air usually have four lessons a day.

4 How will we watch films in the future?

We'll download them from the Internet. Cinemas won't exist any more.

5 what will happen to teachers in the future?

They will be replaced by computers - and we won't go to school any more. We'll learn at home.

6 How do you start an informat email?

'Hi' and then the person's name.

7 what is software?

Programs used for computers for doing particular jobs.

8 what do the letter BMI mean?

It means Brain-Machine Interface.

2 Think about what you have studied in this unit. Write answers to these questions.

1 What have you enjoyed most about this unit?

2 What have you learned?

3 Is there anything you have found difficult in this unit?

4 What would you like to learn more about?