

UNIT 3

Thrills and Spills!



UNIT 3



Activity 1

Read the text on roller coaster rides and use words from the box to complete it.

Use your dictionary to find the meanings of the words you don't know.

ascent kinetic energy friction potential track

The basic elements of a roller coaster are kinetic energy and friction. Kinetic energy is the power that an object gets because it is moving. Friction is the force that stops something moving when it rubs on another surface. Both are used in roller coaster rides. The coaster cars ride along on a long winding _____. The track begins with a steep _____, which builds up a reservoir of _____ energy in the coaster car. The rest of the track's hills and valleys, twists and turns change the built-up _____ back and forth between potential energy to _____ energy. As the train moves, it gradually loses energy because of _____ until it reaches the end of the ride.



Activity 2

Complete the following text with 8 suitable word pairs from TASK 4, p. 28 in the student's book. Which word pair did you not use?

With so many amusement centres around nowadays, it seems that 1. _____ just love being frightened and feeling ill. At school recently, we learned about 2. _____ and how all the rides in

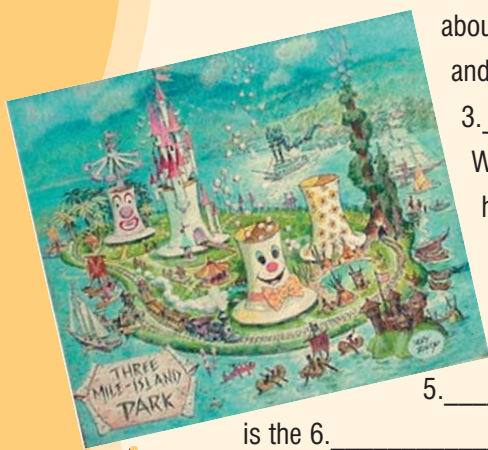
3. _____ work.

What I found really interesting was how the

4. _____ cars

don't have an engine or brakes but use the energy from the hills and loops to drive them forward. But not all rides use this kind of energy. For example, the

5. _____ ride which moves with electric energy. My own favourite ride is the 6. _____ ride where you feel as if you are really in the place on the screen in front of you. Most of these rides use ideas from 7. _____ and scenes from the future. On some of them, it might be a good idea to take a 8. _____ in case you get sick.



Thrills and Spills!

Activity 3

Use one word from column A and one from column B to form compound nouns.

A	litter	B	food
	human		money
	letter		box
	bus		star
	film		race
	magazine		bin
	junk		article
	blood		guard
	street		point
	meeting		pressure
	security		lights
	pocket		stop



Activity 4

The people below want to spend a day out. Which of the Theme Parks from the Reading in the student's book on p. 29 would suit them best?



1. Rebecca enjoys going on anything that feels like the world is coming to an end. She can't stand rides that take forever and enjoys the quick thrill.



2. Christos is a computer whiz kid and loves all things technical. He is very fit so any ride or game with action would suit him.



3. Anna wants to become a software designer when she grows up and just can't get enough of anything which is scientific. She loves the excitement of real-time virtual reality rides.



4. Ali has no fear of danger and loves anything that would make other people sick. The more loops a ride has, the better for him.



5. Zeta loves anything to do with animals and even has her own collection of tropical fish and things about the world under the water.

6. Helen doesn't mind where she goes. She just enjoys being with her friends and hanging out in any place with junk food.



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Activity 5

Look at the signs below. What does each one say? Mark the correct letter A, B, or C.



1. A Dream day out

Open daily March 28th to October 31st.
No entrance to live shows at weekends without advance booking.

- A. Ring before Saturday for show tickets.
- B. Show tickets at entrance.
- C. Open every day of the year.



2. Fun for all

Open 7 days a week all year around except New Year's Eve and Easter Sunday. Check times in June as we will be closing for repairs.

- A. All-year-round opening.
- B. Closed for some time this year.
- C. Open all Christmas holidays.

3. Weekend fun

Open from 10 am every weekend, Bank holidays and school holidays open daily from 1st June to end of September.

- A. Free on weekdays.
- B. Open all summer.
- C. No school children allowed.

4. Thrills for all

Open: March 28th - October 31st.
Monday - Saturday 10 am - 5 pm.
Sundays 12 am - 5.30 pm.
Admission €7.50 adults; €3.20 under 14's.

- A. Closed during winter months.
- B. Evening opening at weekends.
- C. Free entrance for adults.



5. Pleasure time

Open Mon - Fri 9.30 - 3.30
Sun 10 - 5.00. Saturday closed.
Free adult with one paying child.

- A. Free entrance to two children.
- B. Open all weekend.
- C. With a child, adults don't pay.

Thrills and Spills!

Activity 6 - Vocabulary



Find the correct pair:

- | | | | | |
|---------------|----------|---------|----------|----------|
| a) baby | talker | sitter | places | feature |
| b) gift | glasses | pilot | game | shop |
| c) protective | books | places | clothing | discount |
| d) treasure | game | hunt | clothing | money |
| e) a day | on | up | from | out |
| f) advance | closing | booking | opening | arriving |
| g) bank | vacation | opening | money | holiday |



Activity 7 - Grammar: -ing verbs



For each question, complete the second sentence so that it means the same as the first. Use the word in brackets in the new sentence.

- a) I just can't stop myself laughing when I am on the Roller Coaster.
 b) When I'm on the Roller Coaster, I _____ . (help)
- a) Is it a problem if you came back later?
 b) Would _____ back later? (mind)
- a) I am not that keen on going on the Bumper Cars.
 b) I don't _____ the Bumper cars. (fancy)
- a) It's good fun to see people screaming in fear.
 b) I quite _____ screaming in fear. (enjoy)
- a) I would never go on the Vertical Drop.
 b) I always _____ Vertical Drop. (avoid)



UNIT 3

Activity 8 - Fun Quiz

- 1. Which of the following do you not take to a theme park?**
 - a. your watch
 - b. your pet dog
 - c. a book to read
- 2. Where should you sit in a roller coaster for the best thrill?**
 - a. the front seat
 - b. the last seat
 - c. it doesn't matter
- 3. Why do some people get sick on rides?**
 - a. the colours are ugly
 - b. the motions confuse our brains
 - c. the rides are long
- 4. What is the main cause of accidents at a Theme Park?**
 - a. rides that go too fast
 - b. the weather
 - c. people doing silly things on the ride
- 5. Why do we like rides that scare us?**
 - a. because we are crazy
 - b. because they are dangerous
 - c. because of chemicals like adrenaline
- 6. Why is it not a good idea to stand up on rides?**
 - a. you will hit your head
 - b. you might fall out
 - c. the other people can't see



Thrills and Spills!

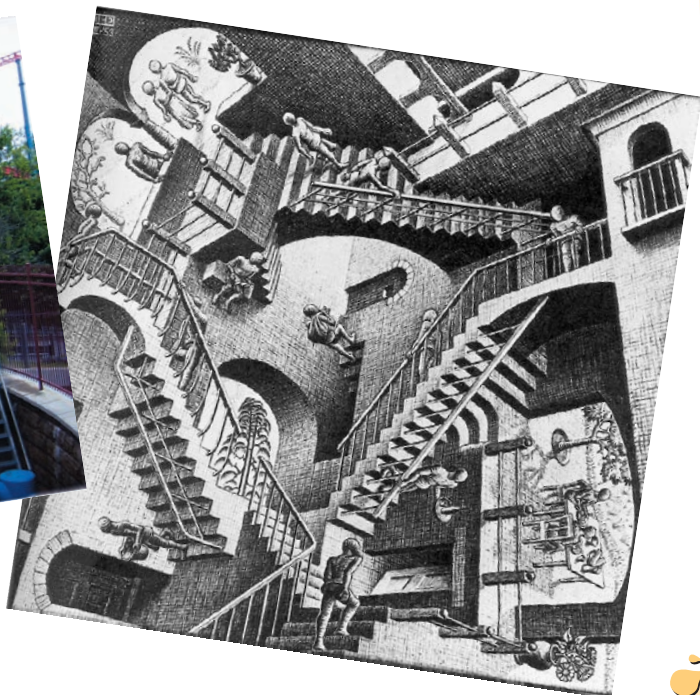
Activity 9 - Reading



Use the information in the Unit to help you complete this text. Complete the following text by choosing the correct word from those given.

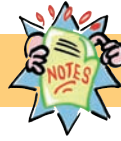
Have you ever experienced 1..., which means going against changes in your state of 2..., for example, in a car while it is braking to a stop? The 3... of the road on the locked wheels provides the unbalanced force to change the car's 4... of motion, however, there is no 5... force to change your own state of motion. Therefore, you continue in motion, sliding along the seat in a forward motion. A person in motion tends to stay in motion with the same 6... and in the same direction unless there is a(n) 7... force. In a car this can be a seat belt. Yes, seat belts are used to provide safety for passengers whose motion is governed by Newton's laws. The seat belt provides the unbalanced force which brings you from a state of motion to a state of 8.... So, what do you think might happen when you do not put on your seat belt and your car hits another one?

- | | | | |
|--------------------|-----------------|-----------------|-------------|
| 1. a. forces | b. inertia | c. potential | d. action |
| 2. a. motion | b. moving | c. change | d. mind |
| 3. a. object | b. action | c. force | d. amount |
| 4. a. state | b. tendency | c. force | d. mass |
| 5. a. acceleration | b. motion | c. unbalanced | d. object |
| 6. a. speed | b. acceleration | c. inertia | d. reaction |
| 7. a. opposite | b. tendency | c. motion | d. effort |
| 8. a. reaction | b. rest | c. acceleration | d. change |



UNIT 3

Activity 10 - Writing: A competition



Win a Weekend at Camelot

Camelot is offering a weekend leisure break for a family of four (children sharing the same room). The offer includes all meals plus free entry to the theme park. The break is only available before October 29th. To apply, write a short letter (about 100 words) to our competition and say why you would like to spend a weekend at Camelot resort.



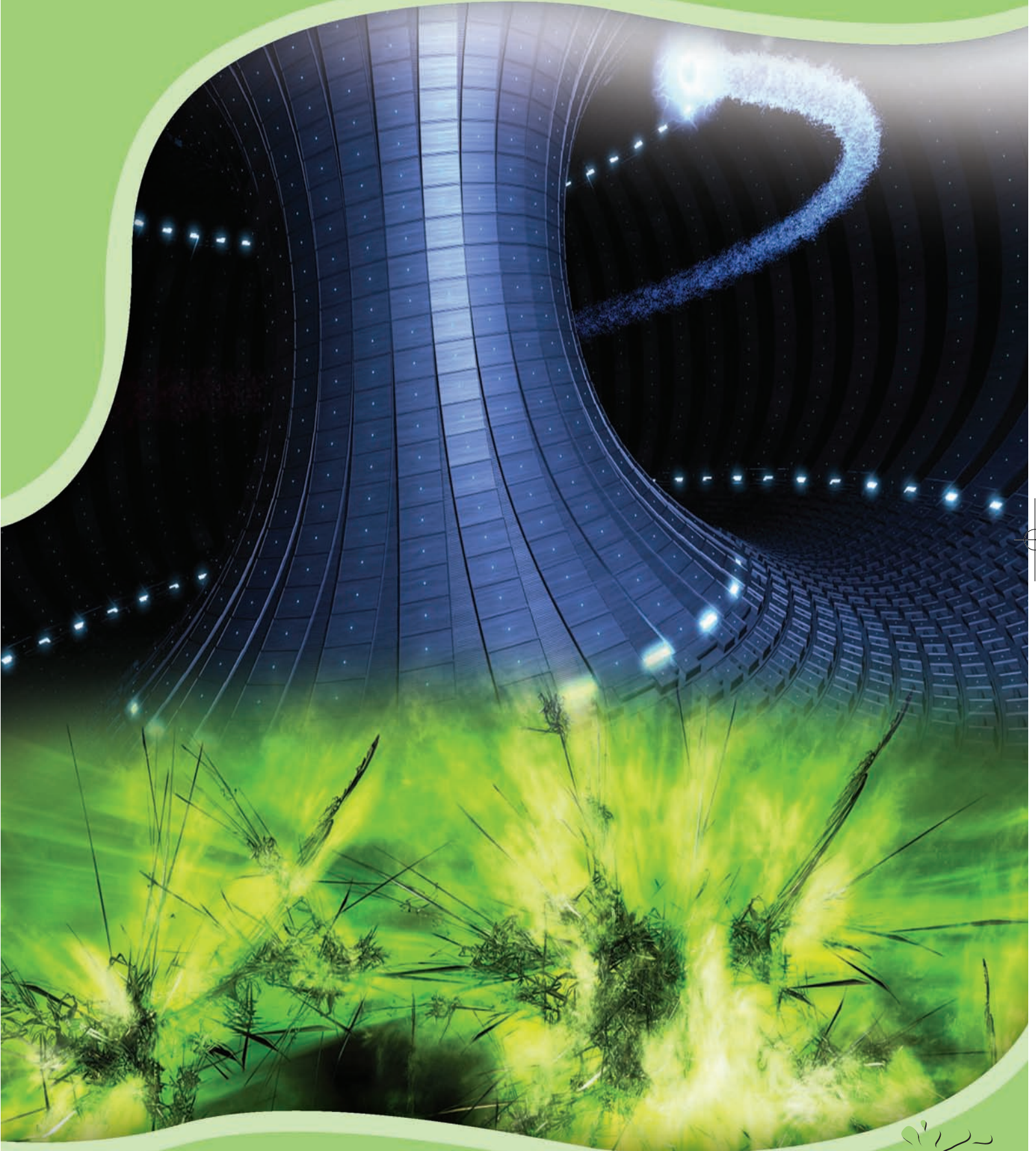
Dear Sir or Madam

I am writing

Your faithfully,

UNIT 4

Click on-Line



UNIT 4

Activity 1

Present Perfect Simple & Present Perfect Continuous

Complete the text by using the correct form of the Present Perfect Simple or Continuous for each of the verbs in parentheses.



Alert over schoolgirls' Bebo use

In the UK, social sites such as *Bebo* and *MySpace* 1.(become) extremely popular in recent years with more than two million visitors each month. The head teacher of a Kent girl's school 2.(write) a letter to parents to inform them about pupils' use of the teenage networking website, Bebo. In recent months 700 students 3.(sign) up to this networking site. A 'social networking' website allows young people to build personal pages, with profiles and pictures, and communicate with friends, but recently some teachers 4.(feel) that there might be a danger for the girls.

Head teacher Linda Wybar said "we 5.(monitor) the way the girls were presenting themselves and we 6.(realise) that sometimes they give the wrong impression". According to Ms Wybar, some girls 7.(put) photographs of themselves in strappy tops and short skirts. In one case there is a girl who 8.(give) her home address.

Bebo UK 9.(say) that there are a number of features in place to help protect users and that they 10.(contact) schools to tell teachers that they have no reason to feel worried.

Click on-Line

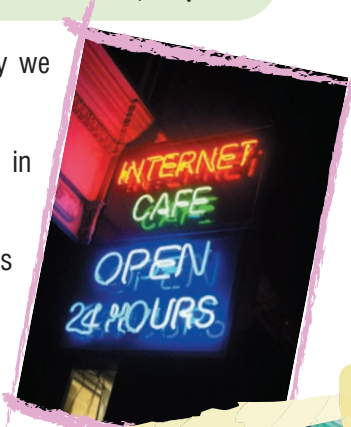
Activity 2 - Vocabulary



Look at the words in the box below. Complete sentences 1-10 with one of the words from the box. There is one extra word you do not need.

common media connect revolution influenced
 download technique tripled gadgets pastimes rapidly

- The changes in mass have resulted in changes in the way we behave.
- The number of people using the internet has been increasing in Greece in the past few years.
- In Athens alone, the number of teenagers who have access to computers has in the last three years.
- Many parents might not like it but playing electronic games is now one of the favourite of young people.
- In fact, it is very for young people to spend several hours a day using some kind of electronic equipment.
- The most common form of entertainment is to to the internet.
- Many teenagers songs and videos and games.
- Most homes have different kinds of electronic
- The technological has changed the way we all think.
- Technology has our lives in such a way that we cannot do without our gadgets.



Activity 3 - Idioms

Complete the following dialogues with an appropriate response from the idioms in the box.

I am fed up
 it makes my blood boil
 it is driving me crazy
 I see red
 I have had enough

- I have nothing to do and
- When I see my sister playing with my computer
- and just don't want to talk to him again!
- My modem has been breaking down a lot recently and
- when I hear people complain about the dangers of computers.

UNIT 4

Activity 4

Complete the sentences with an appropriate phrase from the box below.

of using
in the internet

to the web
in the number

in causing problems
of technology

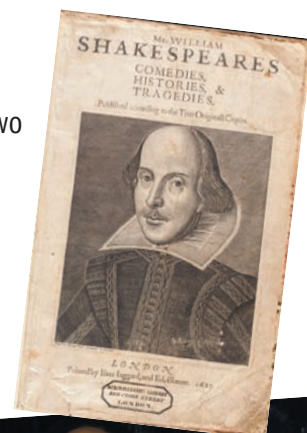
1. Some people believe that computer use has resulted for young people's eyes.
2. An advantage the web is that you can keep in touch with your friends easily.
3. With the interest rising, soon everyone will be on-line.
4. In some parts of the world people still do not have access
5. Internet providers expect a huge increase of people who want to go on-line in the next few years.
6. The use has definitely changed the way we live.



Activity 5 - Present Perfect Simple and Continuous

Re-write the following sentences using the verbs in parentheses in the Present Perfect Simple or Continuous tense, and since or for.

1. I bought my laptop two years ago.
(have) I my laptop for two years.
2. I first met John ten years ago.
(know) I ten years.
3. James started working here three months ago.
(be) James three months.
4. Emma came to live in Greece five years ago.
(live) Emma for five years.
5. This is the first Shakespeare play she has read.
(not read) She a Shakespeare play before.



Click on-Line

Activity 6

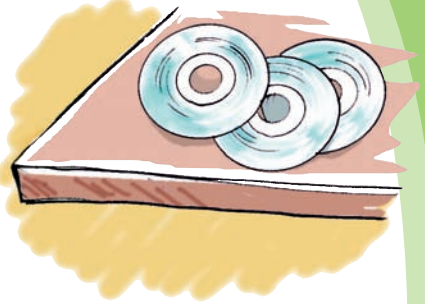
Look at the pictures in Joanna's room. What has she been doing?



a.



b.



c.



d.



e.

Activity 7 - Collocations

The following phrases come from the reading text on page 40. Match the words 1-6 with the words a-f to form correct phrases.

- | | | |
|------------------|--------------------------|----------------|
| 1. mass | <input type="checkbox"/> | a. rooms |
| 2. communication | <input type="checkbox"/> | b. banking |
| 3. internet | <input type="checkbox"/> | c. techniques |
| 4. common | <input type="checkbox"/> | d. media |
| 5. electronic | <input type="checkbox"/> | e. connections |
| 6. chat | <input type="checkbox"/> | f. pastime |

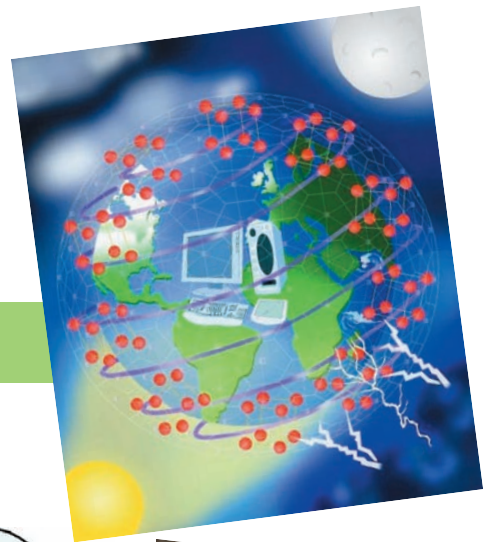
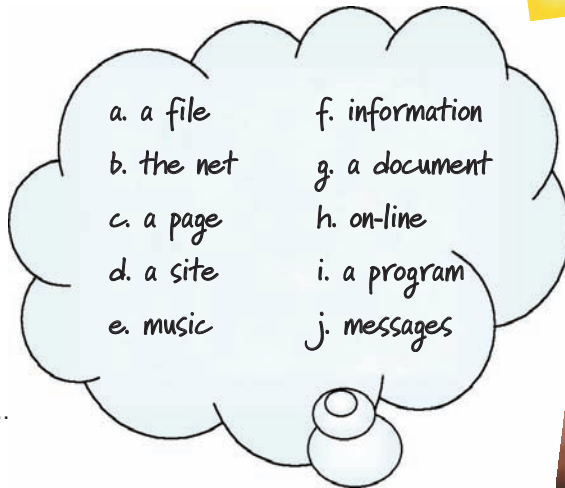


UNIT 4

Activity 8 - Verb + noun collocations

Look at the words in the box. Match the verbs 1-10 to the nouns in the cloud. Some words can be used with different verbs.

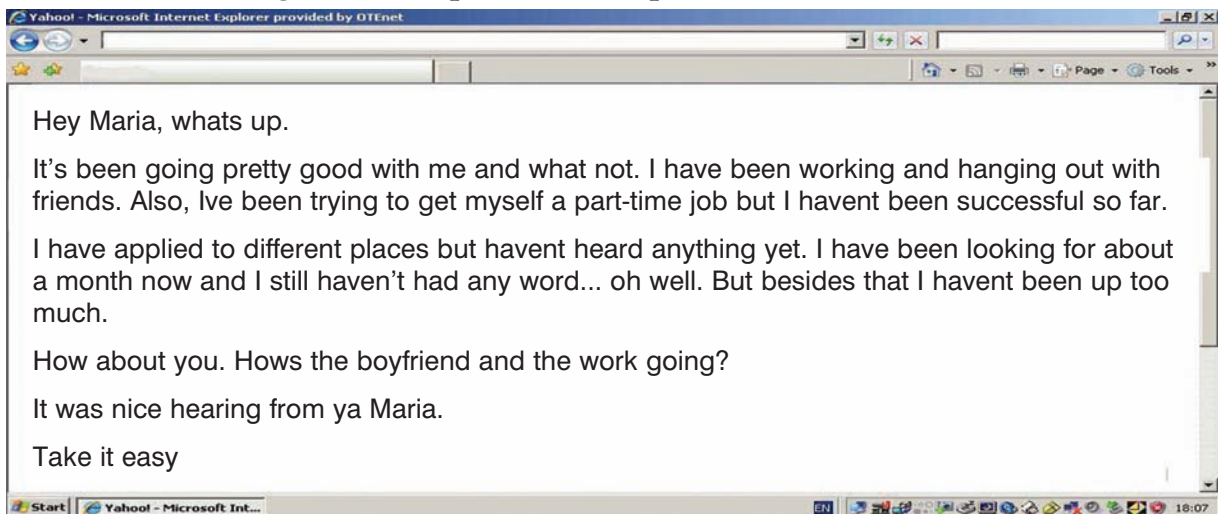
1. find
2. save
3. go
4. send
5. surf
6. download
7. visit
8. scroll down
9. install
10. print out



Activity 9 - Writing

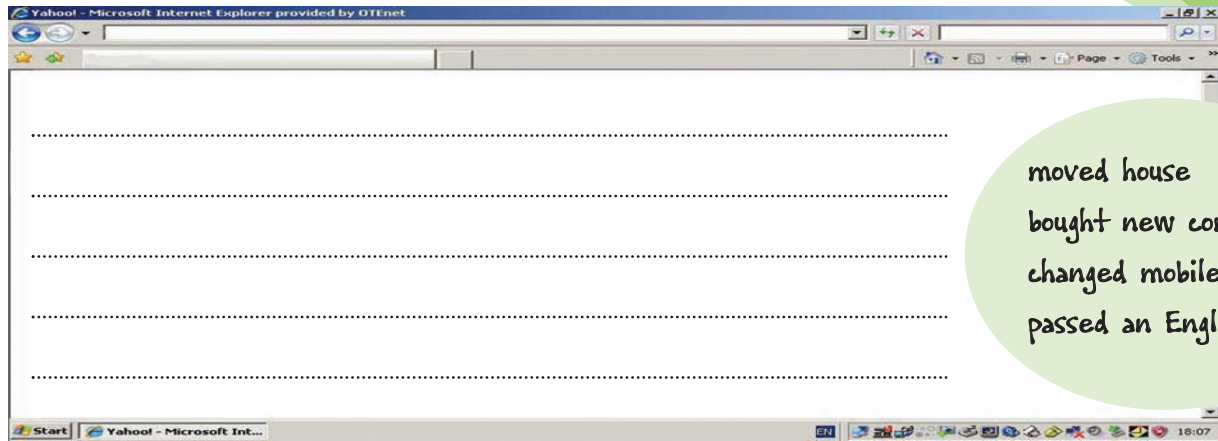


Read the following e-mail message and put in the correct punctuation marks which are missing. For example: 'what's up?'.



Now write a reply; say what you have been doing and what has happened in your life recently. Write your answer in the e-mail template on the following page using the ideas in the box. You can also write about what you have NOT done recently.

Click on-Line



moved house
bought new computer
changed mobile phone
passed an English exam

Activity 10

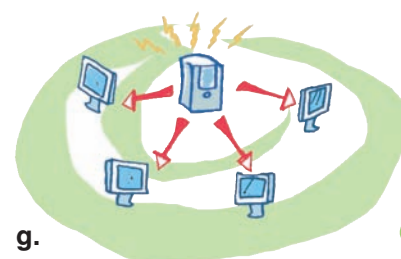
Which one of the pictures below is not in the text? Read and find out. Then put the pictures in the correct order. Write the letters in the boxes.

Have you ever wondered about the mechanisms that deliver web information to your computer screen? Every home that has internet connection is part of a network. For example, you may use a modem and a dial up number to connect to an Internet Service Provider (ISP). In each region, providers have a **Point of Presence** (POP). The POP is a place for local users to access the company's network, often through a local phone line.

Every day, the citizens of the Internet send each other billions of e-mail messages without even thinking about it.

E-mail messages tend to be short pieces of text, although the ability to add attachments like photographs now makes many e-mail messages quite long.

1. 2. 3. 4. 5. 6. 7.



UNIT 4

Activity 11 - Similar but different

Circle the correct noun in bold italics in each sentence.

- One of the most important **discoveries** / **inventions** has been the computer.
- Who has had the greatest **influence** / **control** on your life?
- Irene met Anne in the hallway and they stopped for a **talk** / **chat**.
- Only the older students have **entry** / **access** to the computer room after school.
- The students were doing a/an **survey** / **examination** on the number of girls with internet connection.
- She has a good **attitude** / **behaviour** to her studies and will do well in the exams.
- It is my **belief** / **trust** that one day everyone will be connected to the web.
- He spent a **time** / **period** of his life in Thessaloniki.
- Many people use the internet to learn about local **happenings** / **events**.
- The mass **information** / **media** in many countries controls how people think.



Activity 12 - Compound nouns

- A. Many nouns in English are compound nouns: nouns made from two words. For example, 'homework' comes from the 'work' you do at 'home', 'swimsuit' comes from 'swim' + 'suit'.

Match the words 1-7 with the words a-g to make compound nouns.

- | | |
|--------------------|----------|
| 1. net | a) mail |
| 2. pass | b) lines |
| 3. head | c) word |
| 4. web | d) work |
| 5. news | e) site |
| 6. e- (electronic) | f) paper |

- B. Complete the following sentences with the correct compound noun from the list above.

- You must not tell your internet to anyone.
- Do you have a/an address?
- The internet is a of telephone lines connected to each other.
- On which would I find information about games?
- Tom's father likes to read his before breakfast each morning.
- All the in yesterday's papers were about the increase in electronic crime.

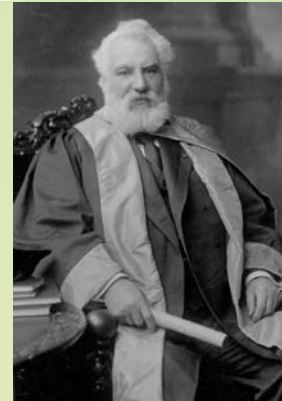


Click on-Line

Activity 13 - Comprehension

Read the text below and then answer comprehension questions a-d.

Modern mass media like newspapers, cinema, television, affect the way we behave socially. However, the telephone, invented by Alexander Graham Bell in 1876 has had the greatest influence. Interestingly, the phone itself has not changed much but it is the way we use the phone lines that has changed. Because of the phone, we now have internet connections connecting people all over the world. The internet has taken over the way we work, relax and communicate. The internet today provides us with a useful means of communication and helps to spread information, knowledge, thought, attitudes and beliefs. On sites like *Bebo* and *MySpace* teenagers build personal pages and develop social networks to communicate with friends.



- What means of mass communication has the writer mentioned?
- Has telephone technology changed in the past 100 years or not?
- What is the writer's opinion on the influence of the internet?
- How do young people use the internet?

Activity 14

Read the texts below and put them in the right order.

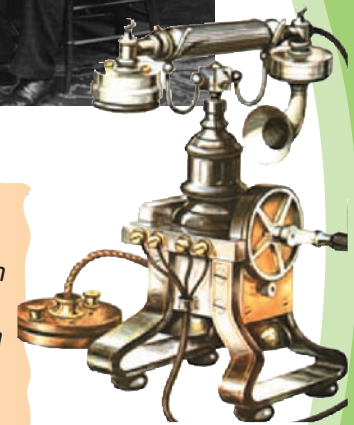
A *By the 1930s most phone cases were plastic, and phone design changed little until push-button phones became common in the 1980s.*

B *In the 1990s, the first practical videophones became available, so you could see as well as hear the person you were speaking to.*

C *By the 1890s the familiar style of handset began to emerge. Winding the handle of this ornate phone set a signal to the operator at the exchange.*

D *The 1920s 'candlestick' phone incorporated a dial which could be used to call numbers via the automatic telephone exchanges that were coming into use.*

E *In 1877 the American inventor Thomas Alva Edison (1847-1931) invented the carbon microphone, which ensured the telephone's success.*



Revision

Activity 1

Use one of the statements in the box to respond to each of the statements 1-5.

1. What is so good about the bullet train?
2. Shall we go the Big Dipper again?
3. How would you feel after a ride on the Big Wheel?
4. Do you fancy coming on the Vertical drop with me?
5. What do you think of the Roller coaster?

- a) Sure! It's great fun.
- b) I'd be sick.
- c) No way! It falls too quickly.
- d) It's too scary
- e) I love going fast

marks / 5

Activity 2

Complete each of the sentences 1-5 with an appropriate word from Unit 3 to make a collocation.

1. Many electronic games today use the system of reality.
2. I prefer reading true stories rather than fiction.
3. We went on the cars in the funfair. It was good fun.
4. There is a huge park in Orlando Florida where you can have a good time and also learn things.
5. Roller coasters operate on the principle of energy.

marks / 5

Activity 3

Read the text and tick if the answers below are True or False.

It is easier to get hurt playing football or basketball than on a fun park ride. The reason why rides are safe is that they use the laws of Physics to make people feel as if they are in danger. The roller coaster, for example, is a machine that uses gravity and energy to make the car travel quickly along a track. Going uphill gravity slows the car down and kinetic energy drives it along very quickly. It finally stops when there is friction at the end of the track.

	True	False
1. People always get hurt playing basketball.		
2. Theme Park rides are safe.		
3. People are in danger when they use the laws of Physics.		
4. The rides go faster uphill because of gravity.		
5. Friction makes the car stop at the end of the track.		

marks / 5

Activity 4

Complete the sentences 1-5 with an appropriate verb.

- Irene doesn't mind on fast rides. In fact she quite likes them.
- Have you tried photographs when you are on the Big Wheel?
- I don't fancy icecream after the Vertical drop.
- My little sister always avoids beside me in Bumper cars.
- I do not enjoy money to be sick.

marks / 5

Revision

Activity 5

Complete the text by putting the verb in parentheses in 1-5 into the correct form.

Mobile phones 1. (become) _____ so important to our lives today that it is difficult for many people to live without them. In fact the number of young teenagers in Greece who have phones today 2. (triple) _____ in the last year. But there is a question over the use of mobiles by young people and scientists 3. (study) _____ the effects of radio waves on the brain. So far, they 4. find) _____ that mobiles can cause some health problems but only when people use them too much. They say that many teenagers 5. (use) _____ phones a lot recently and that this can be dangerous.

marks / 5

Activity 6

Complete the sentences 1-5 with the correct word from a-d.

- Tina says she is really fed with TV these days as it is full of rubbish.
a) out b) in c) over d) up
- Mum says she has had of my untidiness and wants me to clean up my room.
a) much b) more c) enough d) a lot
- The bad weather really gets me and I don't like it.
a) down b) in c) up d) out
- It makes Maria's boil when people use their mobile phones in class.
a) head b) anger c) blood d) face
- The dog next door which barks all night has been driving my dad
a) angry b) crazy c) down d) sad

marks / 5

Activity 7

Read the short descriptions and say what each person has been doing.

1. It's the middle of August and she has just returned home. Her hair is wet and her face is all red.

2. He has hurt his leg and can't walk very well. His football boots are in his bag.

3. The garden looks very clean. He has just come into the house. He is very tired and he wants to have a rest.

4. It's seven o'clock in the morning. She walks into the kitchen and her mother prepares her breakfast.

5. Her father is not happy with her and tells her the phone bill is always far too high these days and she has to stop doing this.

marks / 5

Activity 8

Complete each sentence with the correct word in italics.

1. We use a mail *server/service* POP3.
2. Who pays for your e-mail *account/costs*?
3. Never tell anyone your internet *crossword/password*.
4. When my phone is silent, it vibrates when I have an *outgoing/incoming* call.
5. To save information, *shift/click* the mouse twice.

marks / 5

Total marks / 5