

# Think Teen!

3rd Grade of Junior High School

**WORKBOOK**

**Τόμος 2ος**

# ΣΤΟΙΧΕΙΑ ΑΡΧΙΚΗΣ ΕΚΔΟΣΗΣ

ΣΥΓΓΡΑΦΕΑΣ

**Patrick Mc Gavigan**

ΚΡΙΤΕΣ-ΑΞΙΟΛΟΓΗΤΕΣ

**Μαρία Σεπυργιώτη,**

**Εκπαιδευτικός**

**Στεργία Δαφοπούλου -**

**Μπαλτιράνη, Εκπαιδευτικός**

**Γεώργιος Σαββόπουλος,**

**Εκπαιδευτικός**

ΕΙΚΟΝΟΓΡΑΦΗΣΗ

**Θεόδωρος Πιακής,**

**Σκιτσογράφος-Εικονογράφος**

ΦΙΛΟΛΟΓΙΚΗ ΕΠΙΜΕΛΕΙΑ

**Γεώργιος Τζανετάτος,**

**Εκπαιδευτικός**

ΥΠΕΥΘΥΝΟΣ ΤΟΥ ΜΑΘΗΜΑΤΟΣ  
ΚΑΙ ΤΟΥ ΥΠΟΕΡΓΟΥ  
ΚΑΤΑ ΤΗ ΣΥΓΓΡΑΦΗ

**Ιωσήφ Ε. Χρυσόχοος, Πάρεδρος  
ε.θ. του Παιδαγωγικού  
Ινστιτούτου**

ΠΡΟΕΚΤΥΠΩΤΙΚΕΣ  
ΕΡΓΑΣΙΕΣ

**Αφοί Ν. Παππά & Σία Α.Ε.Β.Ε.**

**Γ' Κ.Π.Σ. / ΕΠΕΑΕΚ ΙΙ**  
**Ενέργεια 2.2.1 /**  
**Κατηγορία Πράξεων 2.2.1.α:**  
**«Αναμόρφωση των**  
**προγραμμάτων σπουδών και**  
**συγγραφή νέων εκπαιδευτικών**  
**πακέτων»**

**ΠΑΙΔΑΓΩΓΙΚΟ ΙΝΣΤΙΤΟΥΤΟ**  
**Δημήτριος Γ. Βλάχος**  
**Ομότιμος Καθηγητής Α.Π.Θ.**  
**Πρόεδρος του Παιδαγωγικού**  
**Ινστιτούτου**

**Πράξη με τίτλο:**  
**«Συγγραφή νέων βιβλίων και**  
**παραγωγή υποστηρικτικού**  
**εκπαιδευτικού υλικού με βάση**  
**το ΔΕΠΠΣ και τα ΑΠΣ**  
**για το Γυμνάσιο»**

**Επιστημονικοί Υπεύθυνοι Έργου  
Αντώνιος Σ. Μπομπέτσης  
Σύμβουλος του Παιδαγωγικού  
Ινστιτούτου  
Γεώργιος Κ. Παληός  
Σύμβουλος του Παιδαγωγικού  
Ινστιτούτου**

**Αναπληρωτές Επιστημονικοί  
Υπεύθυνοι Έργου  
Ιγνάτιος Ε. Χατζηευστρατίου  
Μόνιμος Πάρεδρος  
του Παιδαγωγικού Ινστιτούτου  
Γεώργιος Χαρ. Πολύζος  
Πάρεδρος ε.θ. του Παιδαγωγικού  
Ινστιτούτου**

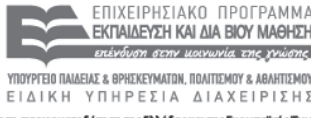
**Έργο συγχρηματοδοτούμενο 75%  
από το Ευρωπαϊκό Κοινωνικό  
Ταμείο και 25% από εθνικούς  
πόρους.**

## ΣΤΟΙΧΕΙΑ ΕΠΑΝΕΚΔΟΣΗΣ

Η επανέκδοση του παρόντος βιβλίου πραγματοποιήθηκε από το Ινστιτούτο Τεχνολογίας Υπολογιστών & Εκδόσεων «Διόφαντος» μέσω ψηφιακής μακέτας, η οποία δημιουργήθηκε με χρηματοδότηση από το ΕΣΠΑ / ΕΠ «Εκπαίδευση & Διά Βίου Μάθηση» / Πράξη «ΣΤΗΡΙΖΩ».



Ευρωπαϊκή Ένωση  
Ευρωπαϊκό Κοινωνικό Ταμείο



ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ  
ΕΚΠΑΙΔΕΥΣΗ ΚΑΙ ΔΙΑ ΒΙΟΥ ΜΑΘΗΣΗ  
επένδυση στην κοινωνία της γνώσης  
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ & ΘΡΗΣΚΕΥΜΑΤΩΝ, ΠΟΛΙΤΙΣΜΟΥ & ΑΘΛΗΤΙΣΜΟΥ  
ΕΙΔΙΚΗ ΥΠΗΡΕΣΙΑ ΔΙΑΧΕΙΡΙΣΗΣ  
Με τη συγχρηματοδότηση της Ελλάδας και της Ευρωπαϊκής Ένωσης



ΕΣΠΑ  
2007-2013  
Πρόγραμμα για την ανάπτυξη  
ΕΥΡΩΠΑΪΚΟ ΚΟΙΝΩΝΙΚΟ ΤΑΜΕΙΟ

Οι διορθώσεις πραγματοποιήθηκαν κατόπιν έγκρισης του Δ.Σ. του Ινστιτούτου Εκπαιδευτικής Πολιτικής

**Η αξιολόγηση, η κρίση των προσαρμογών και η επιστημονική επιμέλεια του προσαρμοσμένου βιβλίου πραγματοποιείται από τη Μονάδα Ειδικής Αγωγής του Ινστιτούτου Εκπαιδευτικής Πολιτικής.**

**Η προσαρμογή του βιβλίου για μαθητές με μειωμένη όραση από το ΙΤΥΕ – ΔΙΟΦΑΝΤΟΣ πραγματοποιείται με βάση τις προδιαγραφές που έχουν αναπτυχθεί από ειδικούς εμπειρογνώμονες για το ΙΕΠ.**

**ΠΡΟΣΑΡΜΟΓΗ ΤΟΥ ΒΙΒΛΙΟΥ  
ΓΙΑ ΜΑΘΗΤΕΣ  
ΜΕ ΜΕΙΩΜΕΝΗ ΟΡΑΣΗ**

---

**ΙΤΥΕ - ΔΙΟΦΑΝΤΟΣ**





**ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΕΡΕΥΝΑΣ  
ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ**

**ΙΝΣΤΙΤΟΥΤΟ ΕΚΠΑΙΔΕΥΤΙΚΗΣ  
ΠΟΛΙΤΙΚΗΣ**

**Patrick Mc Gavigan**

**ΑΝΑΔΟΧΟΣ Μιχαήλ Λεβής Α.Ε.  
ΣΥΓΓΡΑΦΗΣ  Linguaphone**

**Η συγγραφή και η επιστημονική  
επιμέλεια του βιβλίου  
πραγματοποιήθηκε υπό την αιγίδα  
του Παιδαγωγικού Ινστιτούτου**

**3rd Grade of Junior High  
School  
Workbook**

**Τόμος 2ος**

**Ι.Τ.Υ.Ε. «ΔΙΟΦΑΝΤΟΣ»**



# 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  
friction**

**kinetic  
potential**

**energy  
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. 20 / 28 in the student's book (Τόμος 2ος). 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.





**THREE  
MILE - ISLAND  
PARK**

## Activity 3

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

**A.** litter  
human  
letter  
bus  
film  
magazine  
junk  
blood  
street  
meeting  
security  
pocket

**B.** food  
money  
box  
star  
race  
bin  
article  
guard  
point  
pressure  
lights  
stop



**SEDONA INTERNATIONAL  
FILM FESTIVAL  
& WORKSHOP**

**SEDONA INTERNATIONAL  
FILM FESTIVAL  
& WORKSHOP**

## Activity 4

**The people below want to spend a day out. Which of the Theme Parks from the Reading in the student's book (Τόμος 2ος) on p. 21 - 24 / 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.**



# Activity 5

BSOTM



FUN  
FUN  
FUN  
EST

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.**



**20 / 28**

**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.**

## 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

# PSYCHIC ADVISOR



**INFINITI**

**BOTANICA**

**CLEANERS**

## 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.**

**1. 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)**



**2. a) Is it a problem if you came back later?**

**b) Would \_\_\_\_\_ back later? (mind)**

**3. a) I am not that keen on going on the Bumper Cars.**

**b) I don't \_\_\_\_\_ the Bumper cars. (fancy)**

**4. a) It's good fun to see people screaming in fear.**

**b) I quite \_\_\_\_\_ screaming in fear. (enjoy)**

**5. a) I would never go on the Vertical Drop.**

**b) I always \_\_\_\_\_ .  
Vertical Drop. (avoid)**



## 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 adrenalin**

## 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



## 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?**

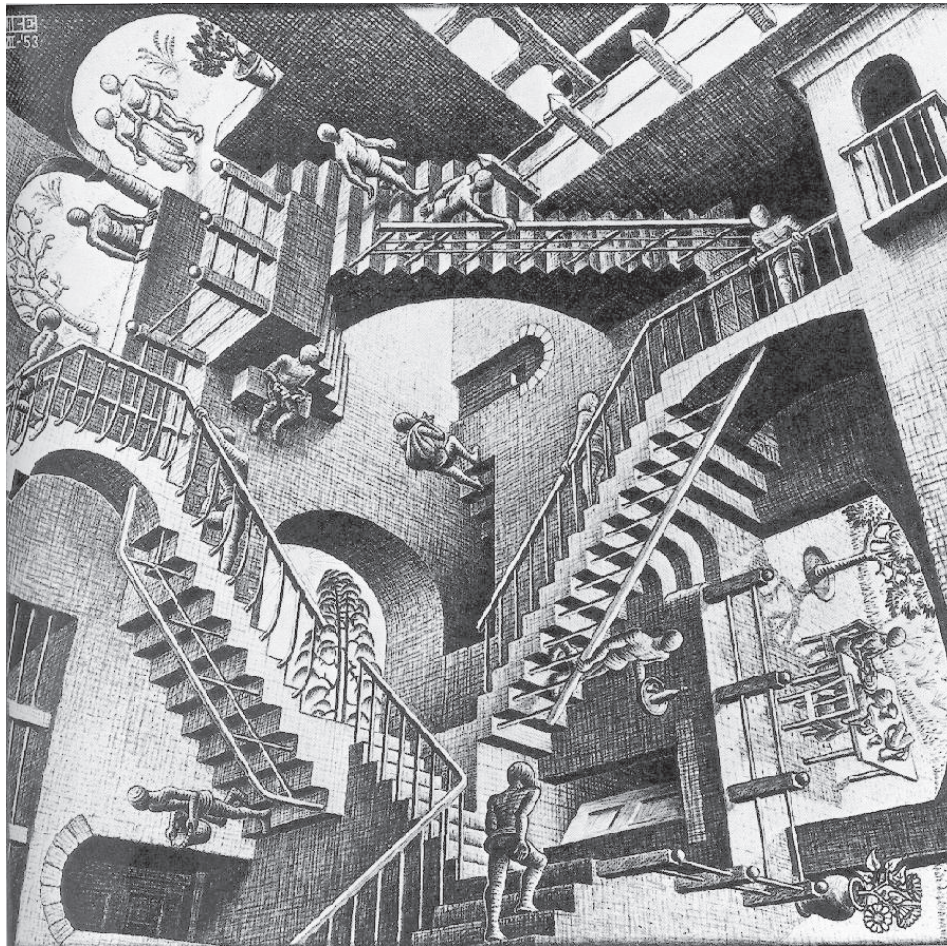
- 1. a. forces**
- b. inertia**
- c. potential**
- d. action**



- 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**

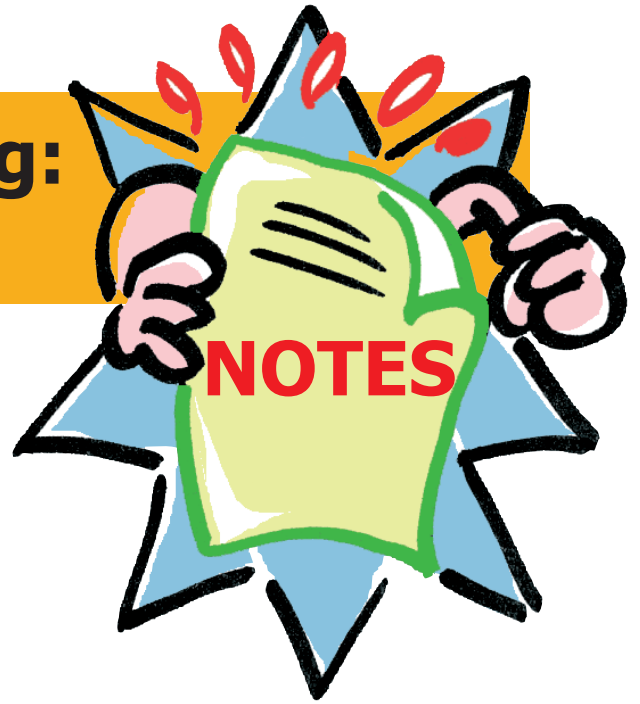




## Activity 10 - Writing: A competition

### 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.



**THE MAGICAL KINGDOM OF  
CAMELOT  
THEME PARK  
A WIZARD  
DAY OUT!**



# FARM



# CASTLE ENTERTAINMENT CENTRE



Dear Sir or Madam

I am writing \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Your faithfully,

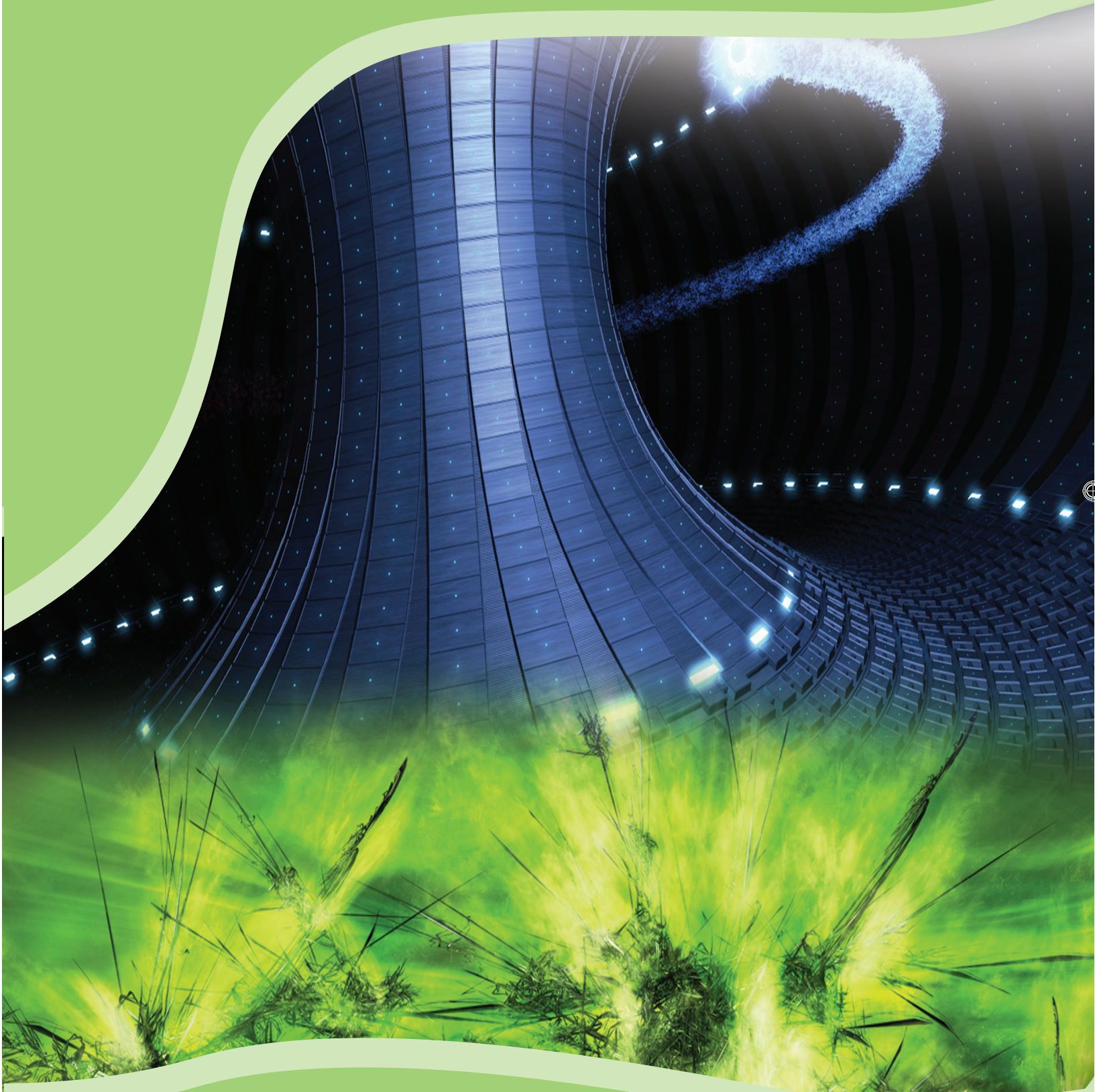
\_\_\_\_\_





# 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.



myspace.com  
a place for music

bebo

# **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.**

## 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.**

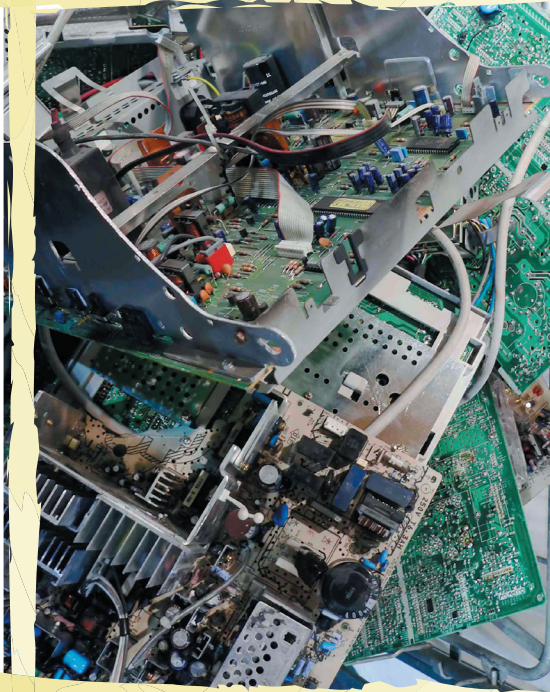
**common  
media  
connect  
revolution  
influenced  
download  
technique  
tripled  
gadgets  
pastimes  
rapidly**

- 1. The changes in mass  
..... have resulted in  
changes in the way we behave.**
- 2. The number of people using the  
internet has been increasing  
..... in Greece in the  
past few years.**
- 3. In Athens alone, the number of  
teenagers who have access to  
computers has ..... in  
the last three years.**
- 4. Many parents might not like it  
but playing electronic games  
is now one of the favourite  
..... of young people.**
- 5. In fact, it is very .....  
for young people to spend  
several hours a day using some  
kind of electronic equipment.**

- 6. The most common form of entertainment is to ..... to the internet.**
- 7. Many teenagers ..... songs and videos and games.**
- 8. Most homes have different kinds of electronic ..... .**
- 9. The technological ..... has changed the way we all think.**
- 10. Technology has ..... our lives in such a way that we cannot do without our gadgets.**



**INTERNET  
CAFE  
OPEN  
24 HOURS**



**51 / 35**

## 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**

**a) I have nothing to do and**

.....

**b) When I see my sister  
playing with my computer**

.....

**c) .....  
and just don't want to talk to  
him again!**

**d) My modem has been breaking  
down a lot recently and**

.....

**e) .....  
when I hear people complain  
about the dangers of  
computers.**

## Activity 4

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

**of using  
to the web  
in causing problems  
in the internet  
in the number  
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.**

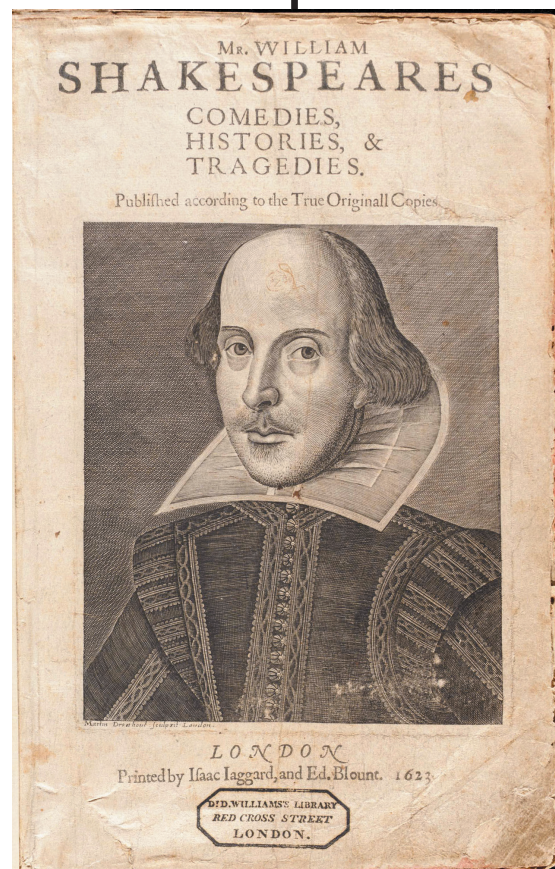
**5. This is the first Shakespeare play she has read.  
(not read)**

**She .....  
a Shakespeare play before.**

**MR WILLIAM  
SHAKESPEARES  
COMEDIES,  
HISTORIES, &  
TRAGEDIES**

**Published  
according to the  
True Originall  
Copies**

**LONDON  
Printed by Isaac  
Iaggard, and Ed.  
Blount. 1623**







## Activity 6

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

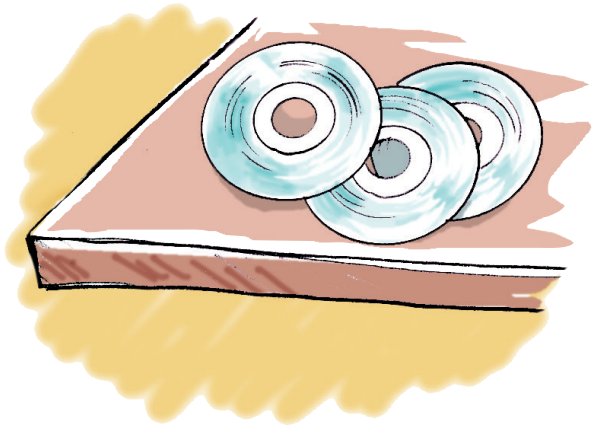


**a.** .....

email



**b.** .....



**c.** .....



d. ....



e. ....

## Activity 7 - Collocations

**The following phrases come from the reading text on page 81 - 83 / 41. Match the words 1-6 with the words a-f to form correct phrases.**

- |                         |                          |
|-------------------------|--------------------------|
| <b>1. mass</b>          | <input type="checkbox"/> |
| <b>2. communication</b> | <input type="checkbox"/> |
| <b>3. internet</b>      | <input type="checkbox"/> |
| <b>4. common</b>        | <input type="checkbox"/> |
| <b>5. electronic</b>    | <input type="checkbox"/> |
| <b>6. chat</b>          | <input type="checkbox"/> |

# INTERNET



- a. rooms
- b. banking
- c. techniques
- d. media
- e. connections
- f. pastime

**Writer's first addition**



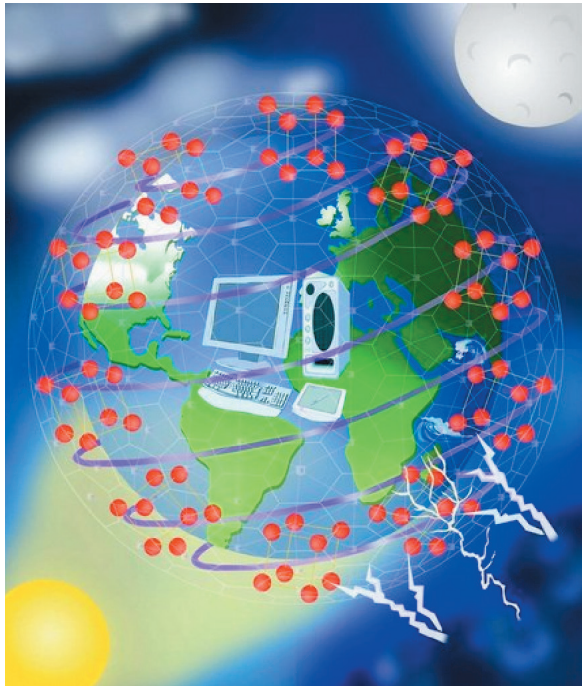
**Creating intelligent robot slaves**

**Complete schooling**

## 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.**

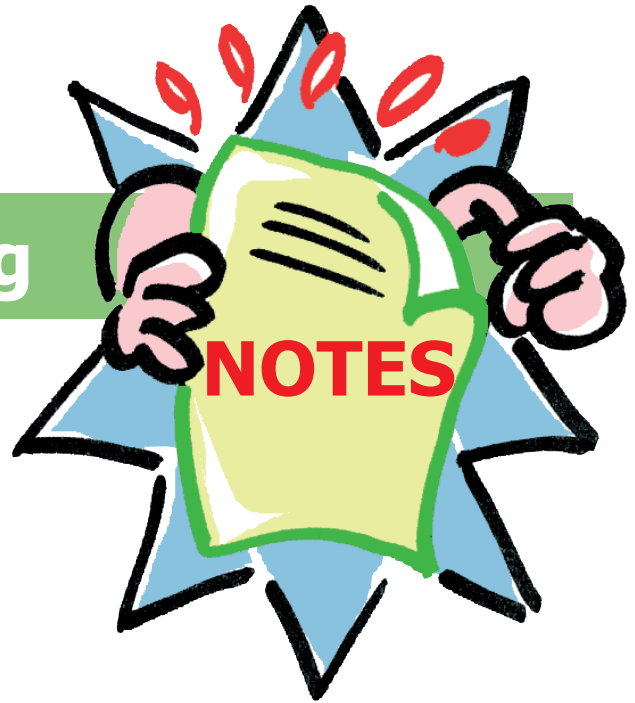
1. find .....
2. save .....
3. go .....
4. send .....
5. surf .....
6. download .....
7. visit .....
8. scroll down .....
9. install .....
10. print out .....



**a. a file**  
**b. the net**  
**c. a page**  
**d. a site**  
**e. music**

**f. information**  
**g. a document**  
**h. on-line**  
**i. a program**  
**j. messages**

## Activity 9 - Writing



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



**Hey Maria, whats up.**

**It's been going pretty good with me and what not. I have been working and hanging out with friends. Also, Ive been trying to get myself a part-time job but I havent been successful so far.**

**I have applied to different places but havent heard anything yet. I have been looking for about a month now and I still haven't had any word... oh well. But besides that I havent been up too much.**

**How about you. Hows the boyfriend and the work going?**

**It was nice hearing from ya Maria.**

**Take it easy**

**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.**



## Activity 10

**Which one of the pictures below (p. 72 - 73 / 39) 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.**

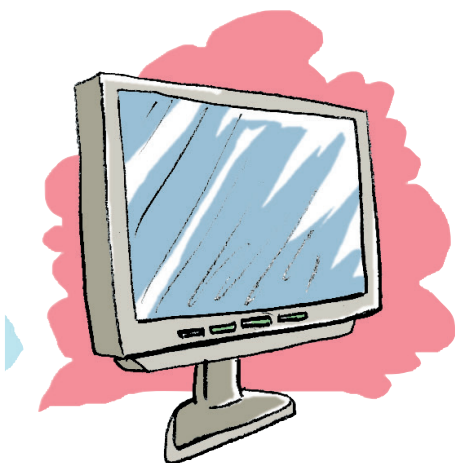
1. □ 2. □ 3. □ 4. □ 5. □ 6. □ 7. □



**a.**



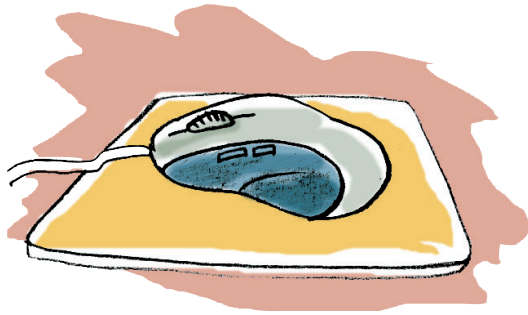
**b.**



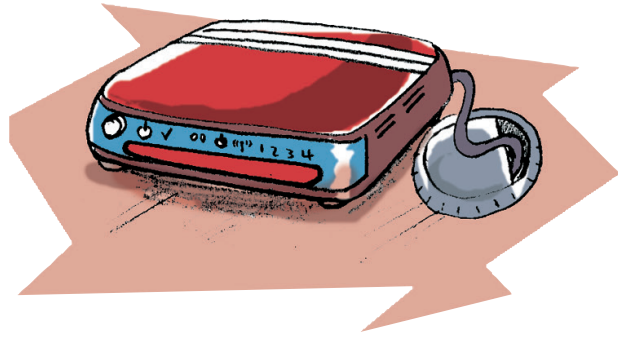
**c.**



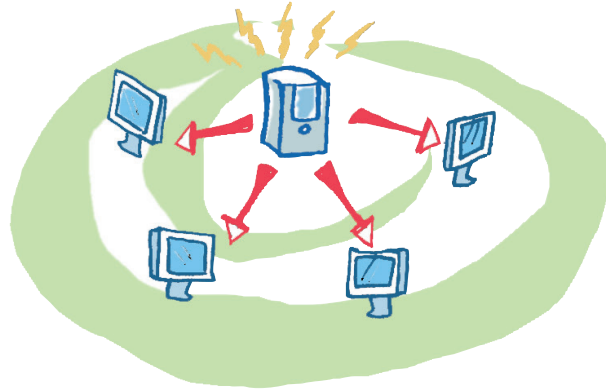
**d.**



**e.**



**f.**



**g.**

## Activity 11 - Similar but different

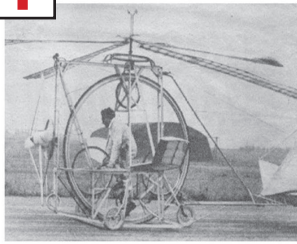
**Circle the correct noun in bold italics in each sentence.**

1. One of the most important **discoveries / inventions** has been the computer.
2. Who has had the greatest **influence / control** on your life?
3. Irene met Anne in the hallway and they stopped for a **talk / chat**.
4. Only the older students have **entry / access** to the computer room after school.



5. The students were doing a/an **survey / examination** on the number of girls with internet connection.
6. She has a good **attitude / behaviour** to her studies and will do well in the exams.
7. It is my **belief / trust** that one day everyone will be connected to the web.
8. He spent a **time / period** of his life in Thessaloniki.
9. Many people use the internet to learn about local **happenings / events**.
10. The mass **information / media** in many countries controls how people think.

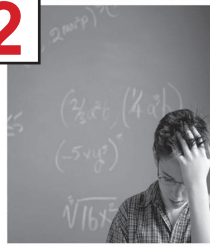
1



invent

*to make something for the very first time*

2



study

*to learn something, usually by reading*

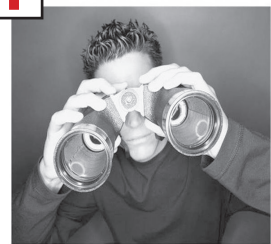
3



fix

*to make a broken thing work again*

4



wa

*to look carefully at something for a long time*

5



build

*to make a larger thing from smaller parts*

# Inventions

6



open

*to start a business*

7



*to control a vehicle in the ai*

## 1. invent

**to make something for the very first time**

## 2. study

**to learn something usually by reading**

## 3. fix

**to make a broken thing work again**

**4. watch**

to look carefully at something for a long time

**5. build**

to make a larger thing from smaller parts

**6. open**

to start a business

**7. fly**

to control a vehicle in the air

## 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

2. pass

3. head

4. web

5. news

6. e- (electronic)

a) mail

b) lines

c) word

d) work

e) site

f) paper



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

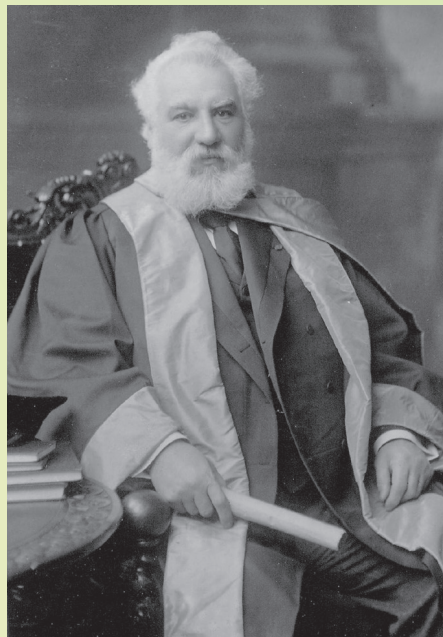
- 1. You must not tell your internet  
..... to anyone.**
- 2. Do you have a/an  
..... address?**
- 3. The internet is a  
..... of  
telephone lines connected to  
each other.**

4. On which .....  
would I find information  
about games?
5. Tom's father likes to read his  
..... before  
breakfast each morning.
6. All the ..... in  
yesterday's papers were about  
the increase in electronic crime.



## 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.**

- a) What means of mass communication has the writer mentioned?**
- b) Has telephone technology changed in the past 100 years or not?**
- c) What is the writer's opinion on the influence of the internet?**
- d) 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**

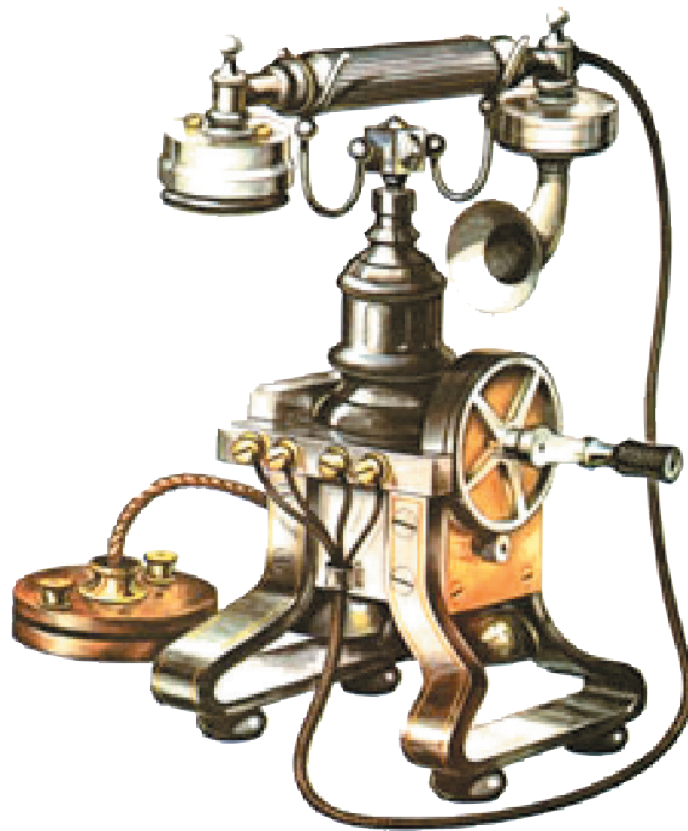
By the 1890s the familiar style of handset began to emerge. Winding the handle of this ornate phone set a signal to the operator at the exchange.

## **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.



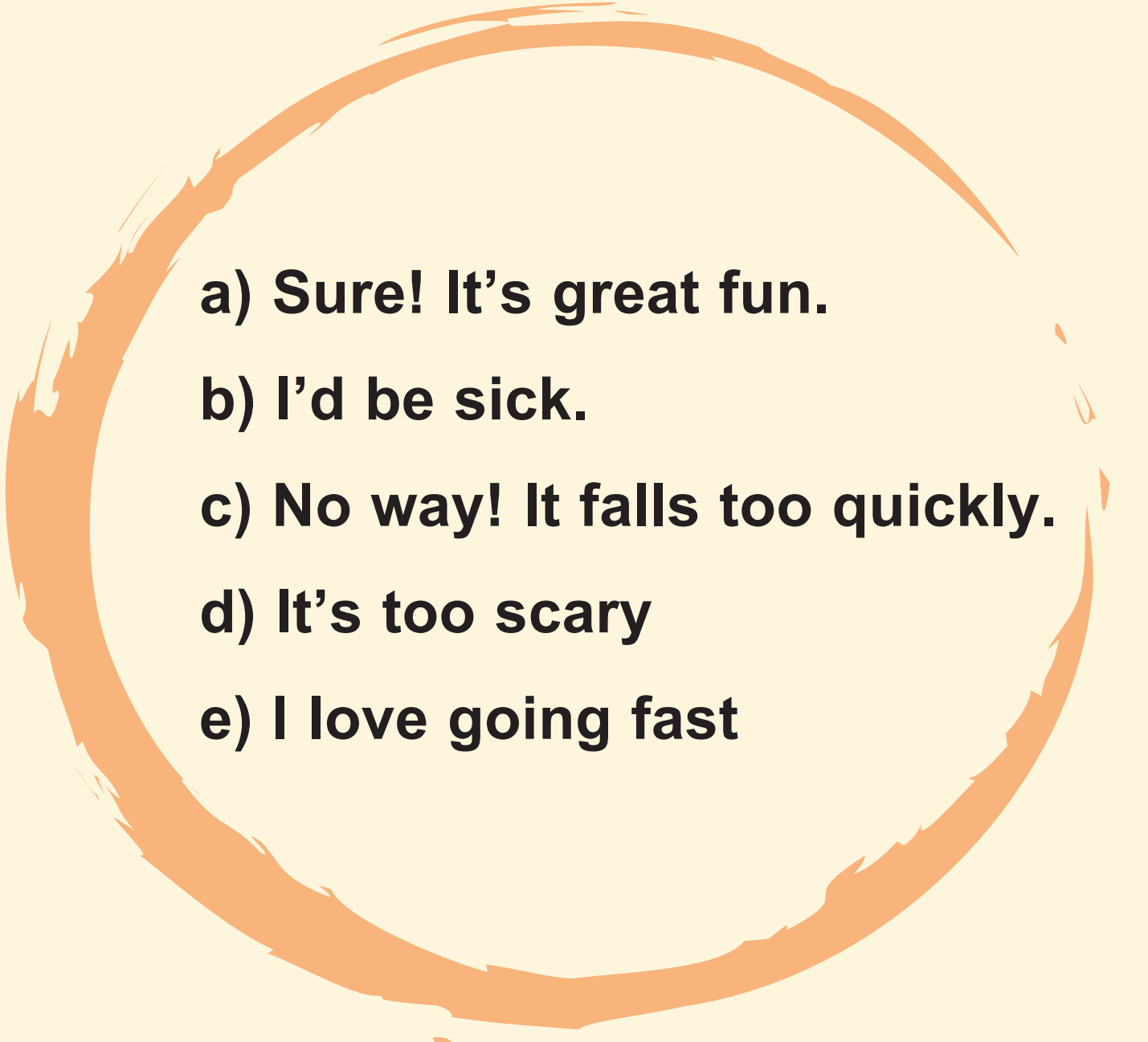


# Revision test

## 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**

**89 / 42**

## 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

**91 / 42 - 43**

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.

	<b>True</b>	<b>False</b>
<b>1. People always get hurt playing basketball.</b>		
<b>2. Theme Park rides are safe.</b>		
<b>3. People are in danger when they use the laws of Physics.</b>		

<b>4. The rides go faster uphill because of gravity.</b>		
<b>5. Friction makes the car stop at the end of the track.</b>		

**marks / 5**

## **Activity 4**

**Complete the sentences 1-5 with an appropriate verb.**

**1. Irene doesn't mind ..... on fast rides. In fact she quite likes them.**

2. Have you tried .....  
photographs when you are on  
the Big Wheel?
3. I don't fancy .....  
icecream after the Vertical drop.
4. My little sister always avoids  
..... beside me in  
Bumper cars.
5. I do not enjoy .....  
money to be sick.

marks / 5

## 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.

1. Tina says she is really fed  
..... with TV these days  
as it is full of rubbish.
- a) out
  - b) in
  - c) over
  - d) up

**2. 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**

**3. The bad weather really gets me  
..... and I don't like it.**

- a) down**
- b) in**
- c) up**
- d) out**

**4. It makes Maria's ..... boil  
when people use their mobile  
phones in class.**

- a) head**
- b) anger**
- c) blood**
- d) face**

**5. 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.**

**98 / 44 - 45**



**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**

**100 / 45**

## 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**

**101 / 45**

# APPENDIX

## IT'S YOUR CHOICE

### UNIT 3

#### Activity 1

**Use one word from column A and one from column B to form compound nouns as in the examples below.**

litter bin  
meeting point  
letter box  
human race

**A**

**bus**

**film**

**magazine**

**junk**

**blood**

**street**

**security**

**pocket**

**B**

**food**

**money**

**star**

**article**

**guard**

**pressure**

**lights**

**stop**

**103 / 120**

## Activity 2

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

**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. Open every day of the year.**

## **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. Closed for some time this year.**

**B. Open all Christmas holidays.**

## **Weekend fun**

**Open from 10 am every weekend, Bank holidays and school holidays until May 31st, daily from 1st June to end of September.**

**A. Free on weekdays.**

**B. Open all summer.**



## **Thrills for all**

**Open: March 28th - October 31st.**

**Monday - Saturday 10 am - 5 pm.**

**Sundays 12 am - 5.30 pm.**

**A. Closed during winter months.**

**B. Evening opening at weekends.**

## **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. With a child, adults don't pay.**

## Activity 3 - Vocabulary



**Find the correct pair:**

- |               |          |         |
|---------------|----------|---------|
| a) baby       | talker   | sitter  |
| b) gift       | glasses  | shop    |
| c) protective | clothing | places  |
| d) treasure   | hunt     | game    |
| e) a day      | up       | out     |
| f) advance    | closing  | booking |
| g) bank       | money    | holiday |

## Activity 4 - 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.**

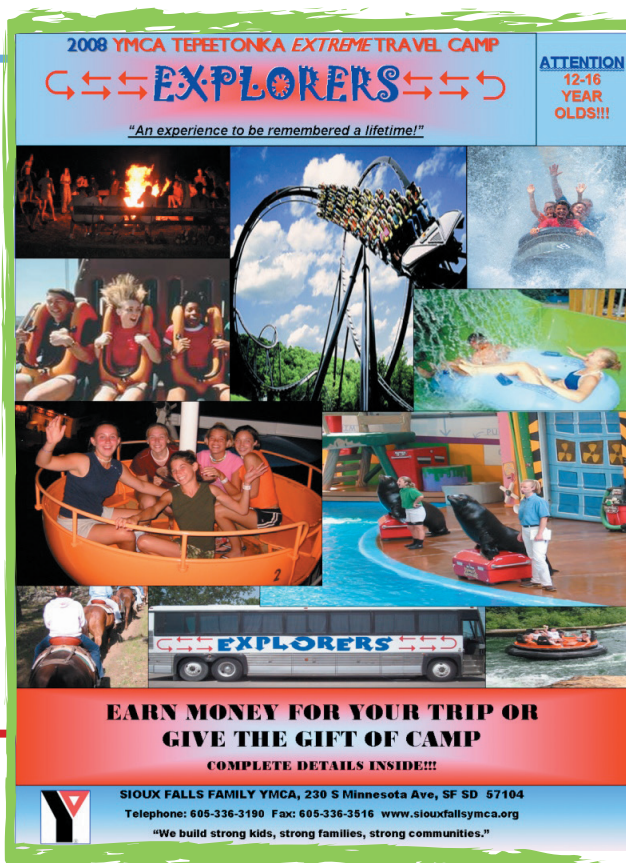
**Therefore, you continue in motion, sliding along the seat in a forward motion. A person in motion tends to stay in motion with the same 6... and in the same direction unless there is a(n) 7... force. In a car this can be a seat belt. Yes, seat belts are used to provide safety for**

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. inertia  | b. potential    |
| 2. | a. motion   | b. moving       |
| 3. | a. action   | b. force        |
| 4. | a. state    | b. tendency     |
| 5. | a. motion   | b. unbalanced   |
| 6. | a. speed    | b. acceleration |
| 7. | a. opposite | b. tendency     |
| 8. | a. reaction | b. rest         |

# 2008 YMCA TEPEETONKA EXTREME TRAVEL CAMP EXPLORERS

"An experience to be  
remembered a lifetime"

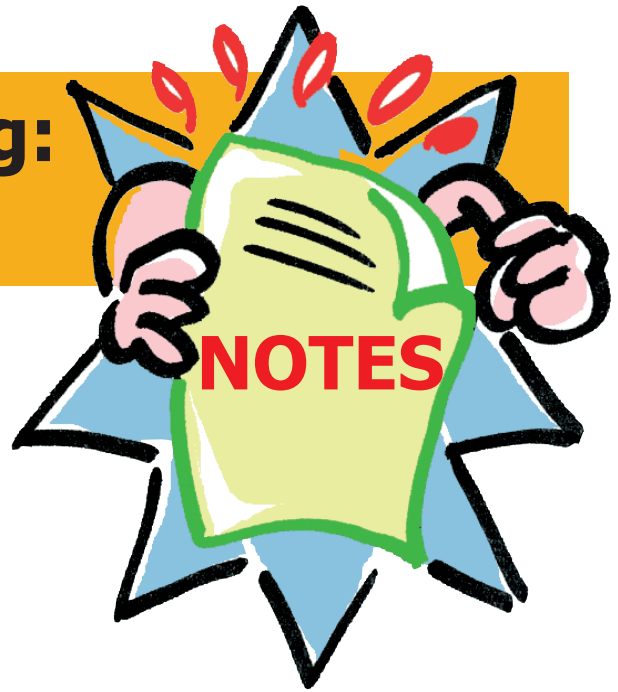


**ATTENTION  
12-16  
YEAR  
OLDS!!!**

**EARN MONEY FOR  
YOUR TRIP OR GIVE  
THE GIFT OF CAMP  
COMPLETE DETAILS  
INSIDE!!!**

111 / 121

## Activity 5 - 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 to apply for a weekend at Camelot for me and my family. I believe that it will be a good opportunity for us to**

---

**because** \_\_\_\_\_

---

---

Camelot is \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

and my brother and I could \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ Finally,

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_.

I hope we will be the winners  
and have the chance to spend a  
weekend at Camelot!

Yours faithfully,

\_\_\_\_\_



# UNIT 4

## Activity 1

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



myspace.com  
a place for music

bebo

# **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.**



## Activity 2 - Noun + preposition

**Match the half sentences 1-6 below with their other half a-f to make complete sentences.**

1. Some people believe that computer use has resulted in
2. An advantage of using the web is that you can
3. With the interest in the internet rising,
4. In some underdeveloped parts of the world people still
5. Internet providers expect a huge increase in the number of people
6. The use of technology has definitely

- a. who want to go on-line in the next few years.**
- b. keep in touch with your friends easily.**
- c. changed the way we live.**
- d. do not have access to the web.**
- e. causing problems for young people's eyes.**
- f. everyone will soon be on-line.**

## Activity 3

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

a) Joanna \_\_\_\_\_  
a book about electronics.

b) She \_\_\_\_\_  
an email on her computer.

c) She \_\_\_\_\_ he  
favourite music.

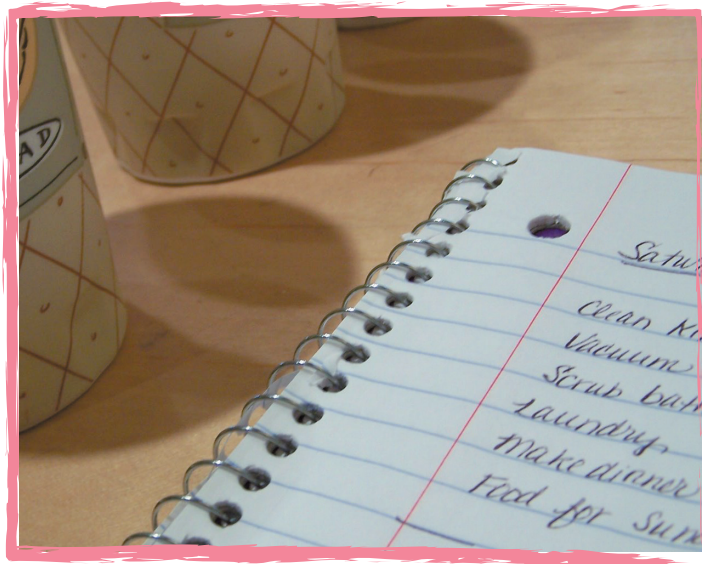
d) She \_\_\_\_\_  
a picture.

e) She \_\_\_\_\_  
plans in her notebook.





**a**



**b**

**Table 3.9 Calculations for Growth Curve**

1	2	3	4	5	6
Time Interval (secs)	$v_c$ at end of interval	Voltage rise during interval (beginning of interval)	Voltage rise during interval ( $= 0.632 \times V$ )	$v_c$ at end of interval (Cols. 2 + 4)	Voltage rise remaining at end of interval
0 - 0.2	0	0	5.69	5.69	3.31
0.2 - 0.4	5.69	7.78	2.09	7.78	1.22
0.4 - 0.6	7.78	8.55	0.77	8.55	0.45
0.6 - 0.8	8.55	8.83	0.28	8.83	0.17
0.8 - 1.0	8.83		0.11	8.94	0.06

**FIG. 3-16 Rise in voltage across capacitor (by calculation)**

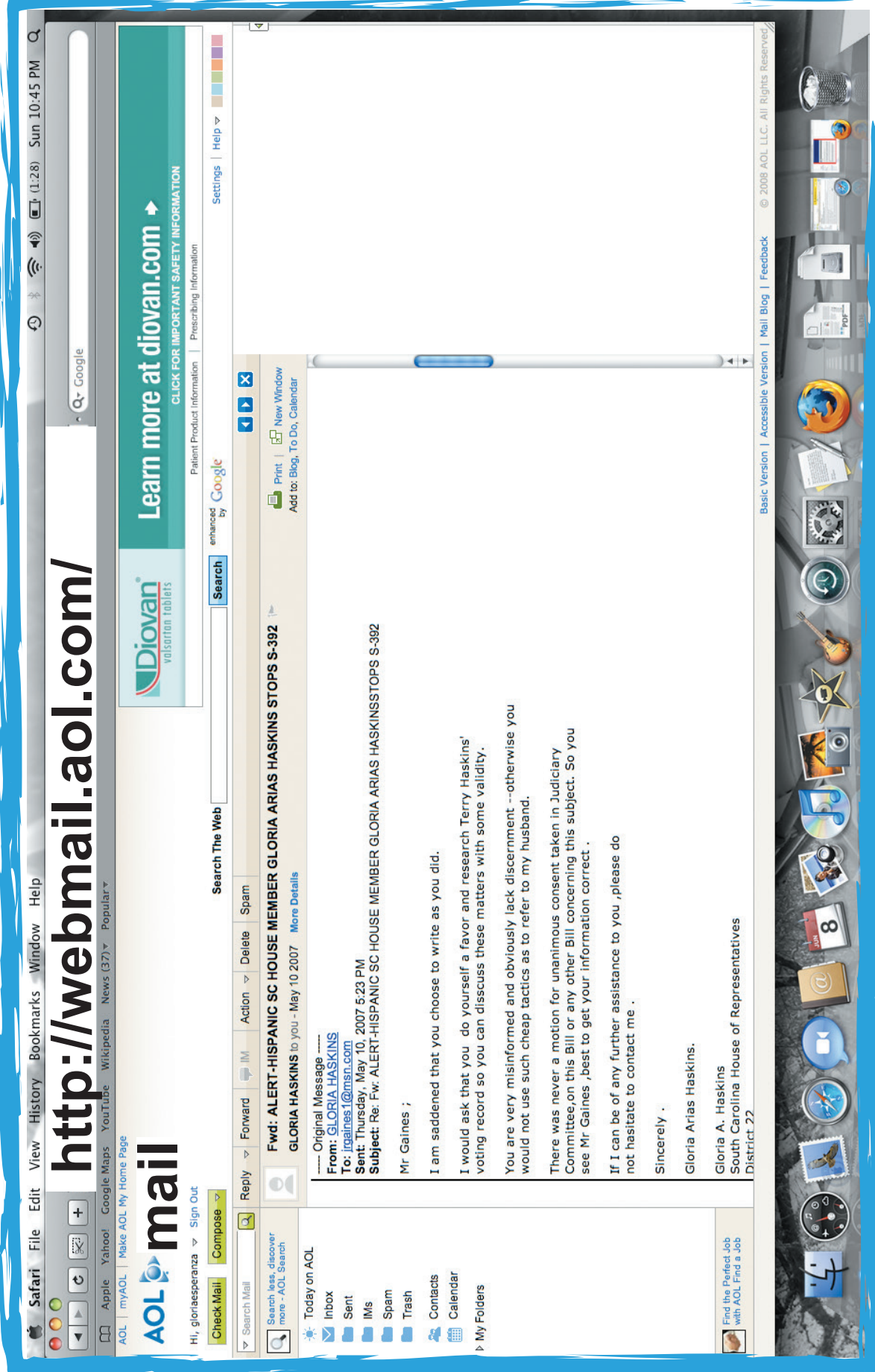
Table 3.9 shows the calculations in their entirety but in fact it is even more simple to express  $v_c$  as a fraction of  $V$  for each time-interval thus

t	$v_c$
0	0
$\tau$	0.632 V
$2\tau$	0.865 V
$3\tau$	0.950 V
$4\tau$	0.982 V

and in this particular example where  $V = 9V$ ,  $v_c = 0.632 \times 9$ ,  $0.865 \times 9$  etc, giving the same points on the curve of Fig. 3.16.

(2) Using the principle of the second definition, a graphical method which is quick to construct is as shown

**C**



d



e

## Activity 4 - Compound nouns

**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'. Look at the list of compound nouns below:**

**network  
password  
headlines  
pastime  
website  
newspaper  
e-mail**

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

- 1. You must not tell your internet ..... to anyone.**
- 2. Do you have a/an ..... address?**
- 3. The internet is a ..... of telephone lines connected to each other.**
- 4. On which ..... would I find information about games?**
- 5. Playing games on the computer is a favourite ..... for many kids.**

6. Tom's father likes to read his ..... before breakfast each morning.
7. All the ..... in yesterdays papers were about the increase in electronic crime.





## Activity 5 - Comprehension

**Read the text below and then say whether questions a-d below are TRUE or FALSE.**

**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.**



**a) The internet is not a means of communication.**

**b) Telephone use has not changed much in the past 100 years.**

**c) The internet has influenced our lives positively.**

**d) Young people today do not know how to communicate with each other.**

<b>TRUE</b>	<b>FALSE</b>



# TABLE OF CONTENTS

**Unit 3, p. 5, Thrills and Spills!**

**Unit 4, p. 43, Click on-Line**

**Review of Units Three and Four  
p. 88**

**Appendix I: It's your choice p.102**





**Βάσει του ν. 3966/2011 τα διδακτικά βιβλία του Δημοτικού, του Γυμνασίου, του Λυκείου, των ΕΠΑ.Λ. και των ΕΠΑ.Σ. τυπώνονται από το ΙΤΥΕ - ΔΙΟΦΑΝΤΟΣ και διανέμονται δωρεάν στα Δημόσια Σχολεία. Τα βιβλία μπορεί να διατίθενται προς πώληση, όταν φέρουν στη δεξιά κάτω γωνία του εμπροσθόφυλλου ένδειξη «ΔΙΑΤΙΘΕΤΑΙ ΜΕ ΤΙΜΗ ΠΩΛΗΣΗΣ». Κάθε αντίτυπο που διατίθεται προς πώληση και δεν φέρει την παραπάνω ένδειξη θεωρείται κλεψίτυπο και ο παραβάτης διώκεται σύμφωνα με τις διατάξεις του άρθρου 7 του νόμου 1129 της 15/21 Μαρτίου 1946 (ΦΕΚ 1946,108, Α').**

**Απαγορεύεται η αναπαραγωγή οποιουδήποτε τμήματος αυτού του βιβλίου, που καλύπτεται από δικαιώματα (copyright), ή η χρήση του σε οποιαδήποτε μορφή, χωρίς τη γραπτή άδεια του Υπουργείου Παιδείας, Έρευνας και Θρησκευμάτων / ΙΤΥΕ - ΔΙΟΦΑΝΤΟΣ.**