



L.5

## LIVING IN A DIGITAL AGE

We are now living in what some people call the digital age, meaning that computers have become an essential part of our lives. Young people who have grown up with PCs and mobile phones are often called the digital generation. Computer help students to perform mathematical operations and improve their maths skills. They are used to access the internet to do basic research and to communicate with other students around the world. Teachers use projectors and interactive whiteboards to teach sciences, history or language courses. PCs are also used for administrative purposes- schools use word processors to write letters, and databases to keep records of students and teachers. A school website allows teachers to publish exercises for students to complete online. Students can also enrol for courses via the website and parents can download official reports. Mobiles let you make voice calls, send texts, email people, and download logos, ringtones or games . With a built-in camera you can send pictures and make video calls in face-to-face mode. New smartphones combine a telephone with web access, video, a games console, an MP3 player, a personal digital assistant (PDA) and a GPS (global positioning system) navigation system, all in one. In banks, computers store information about the money held by each customer and enable staff to access large databases and to carry out financial transactions at high speed. They also control

the cashpoints, or ATMs (automatic teller machines), which dispense money to customers by the use of a PIN-protected card.

People use a Chip and PIN card to pay for goods and services. Instead of using a signature to verify payments, customers are asked to enter a four- digit PIN ( personal identification number), the same number used at cashpoints ; this system makes transactions more secure. With online banking, clients can easily pay bills and transfer money from the comfort of their homes.

Airline pilots use computer to help them control the plane. For example, monitors display data about fuel consumption and weather conditions. In airport control towers, computers are used to manage radar systems and regulate air traffic. On the ground, airlines are connected to travel agencies by computer. Travel agents use computers to find out about the availability of flights, prices, times, stopovers and many other details.

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Qs

-- find the words from (1-10) in the text above . Can you guess the meanings from the context?

أوجد الكلمات من (١-١٠) في النص أعلاه هل تستطيع أن تعرف المعاني من السياق؟

Are they nouns, verbs, adjectives or adverbs? Write n, v, adj, or adv next to each word

1- perform v. معالج الكلمات 2- word processor n. ينفذ /يجري /يقوم ب

3- online adj./adv على الانترنت/ متصل(على الانترنت)

4- download v. ينزل 5- built-in adj. مدمج 6- digital adj. رقمي 7- store v. يخزن

8- financial adj. مالي 9- monitor n. شاشة مراقبة

■ Match the words from (1-10) with the correct meaning

1-perform ..... Keep, save

2- word processor..... execute, do

3- online.....monetary

4- download.....screen

5- built-in..... integrated

6-digital..... connected to the internet

7-store..... collections of facts and figures

8- financial..... describes information that is recorded or broadcast using PC

9- monitor..... Program used for text manipulation

10- data..... Copy files from a server to your pc or mobile



### *Useful language*

#### **FORMULA1 CAR**

Design and build the car : يصمم و يبني السيارة

Test virtual models : يختبر نماذج افتراضية

Control electronic components : يتحكم بمكونات الكترونية

Monitor engine speed : يراقب سرعة المحرك

Store vital information : يخزن معلومات أساسية

Display data : يعرض المعلومات

Analyse and communicate data: يحلل و يوصل المعلومات

#### **ENTERTAINMENT**

download music: ينزل (من الانترنت إلى الكمبيوتر) موسيقى

burn CDs: يحرق ( ينشئ/ يهيء )

play games: يلعب ألعاب

take photos: يلتقط صور

**edit photos: يحرر الصور**

**make video clips: يصنع مقطع فيديو**

**Watch movies on a DVD player : يشاهد أفلام على مشغل دي في دي**

**Watch TV on a computer : يشاهد التلفاز على الكمبيوتر**

**Listen to MP3s : يستمع إلى ملفات إم بي ثري**

**Listen to the radio via the web : يستمع إلى الراديو عبر الشبكة**

**School / University**

**Access the internet : الدخول إلى الانترنت**

**Enroll online : التسجيل عبر الانترنت**

**Search the web : البحث في الشبكة**

**Write documents : كتابة مستندات**

**Complete exercises online : تكميل تمرينات على الانترنت**

