

Computer engineering Department

Pargraph -1-

Computer engineering Department is a branch of electrical engineering and computer science that integrates several fields of computer science and electronic engineering required to develop computer hardware and software.

قسم هندسة الحاسوب هو فرع من فروع الهندسة الكهربائية وعلوم الكمبيوتر الذي يدمج العديد من مجالات علوم الكمبيوتر والهندسة الإلكترونية المطلوبة لتطوير أجهزة وبرامج الكمبيوتر.

Pargraph -2-

Computer Engineers require training in electronic engineering, hardware-software integration, software design, and software engineering. It uses the techniques and principles of electrical engineering and computer science, and can encompass areas such as artificial intelligence (AI), robotics, computer networks, computer architecture and operating systems.

يحتاج مهندسو الكمبيوتر إلى تدريب في الهندسة الإلكترونية وتكامل الأجهزة والبرامج وتصميم البرامج وهندسة البرمجيات. يستخدم تقنيات ومبادئ الهندسة الكهربائية وعلوم الكمبيوتر ، ويمكن أن يشمل مجالات مثل الذكاء الاصطناعي (AI) والروبوتات وشبكات الكمبيوتر وهندسة الكمبيوتر وأنظمة التشغيل.

Pargraph -3-

Computer Engineers are involved in many hardware and software aspects of computing, from the design of individual microcontrollers, microprocessors, personal computers, and supercomputers, to circuit design.

يشارك مهندسو الكمبيوتر في العديد من جوانب الأجهزة والبرامج في الحوسبة ، بدءًا من تصميم وحدات التحكم الدقيقة الفردية والمعالجات الدقيقة وأجهزة الكمبيوتر الشخصية وأجهزة الكمبيوتر العملاقة إلى تصميم الدوائر

Pargraph -4-

Computer Engineers are also suited for robotics research, which relies heavily on using digital systems to control and monitor electrical systems like motors, communications, and sensors.

مهندسو الكمبيوتر مناسبون أيضًا لأبحاث الروبوتات ، والتي تعتمد بشكل كبير على استخدام الأنظمة الرقمية للتحكم في الأنظمة الكهربائية ومراقبتها مثل المحركات والاتصالات وأجهزة الاستشعار

VOCABULARY AND SPEAKING

Words that go together

- 1 Match a verb in A with words in B.
T 6.14 Listen and check.

A	B
get up	dinner
go	early
listen to	TV
watch	in an office
cook	the radio
work	to bed late

A	B
go	in restaurants
drink	chess
eat	coffee
have	shopping
play	at home
stay	a shower

- 2 **T 6.15** Look at the questionnaire. Listen and repeat the questions.

lifestyle questionnaire

Do you ...?

	always	usually	sometimes	never
1 get up early	☐	☐	☐	☐
2 have a big breakfast	☐	☐	☐	☐
3 walk to school/work	☐	☐	☐	☐
4 go to school/work by bus	☐	☐	☐	☐
5 watch TV in the evening	☐	☐	☐	☐
6 go shopping at the weekend	☐	☐	☐	☐
7 eat in restaurants	☐	☐	☐	☐
8 drink coffee	☐	☐	☐	☐
9 go to bed late	☐	☐	☐	☐

- 3 Ask a partner the questions and complete the questionnaire.
 Tick (✓) the correct boxes.

Do you ...?

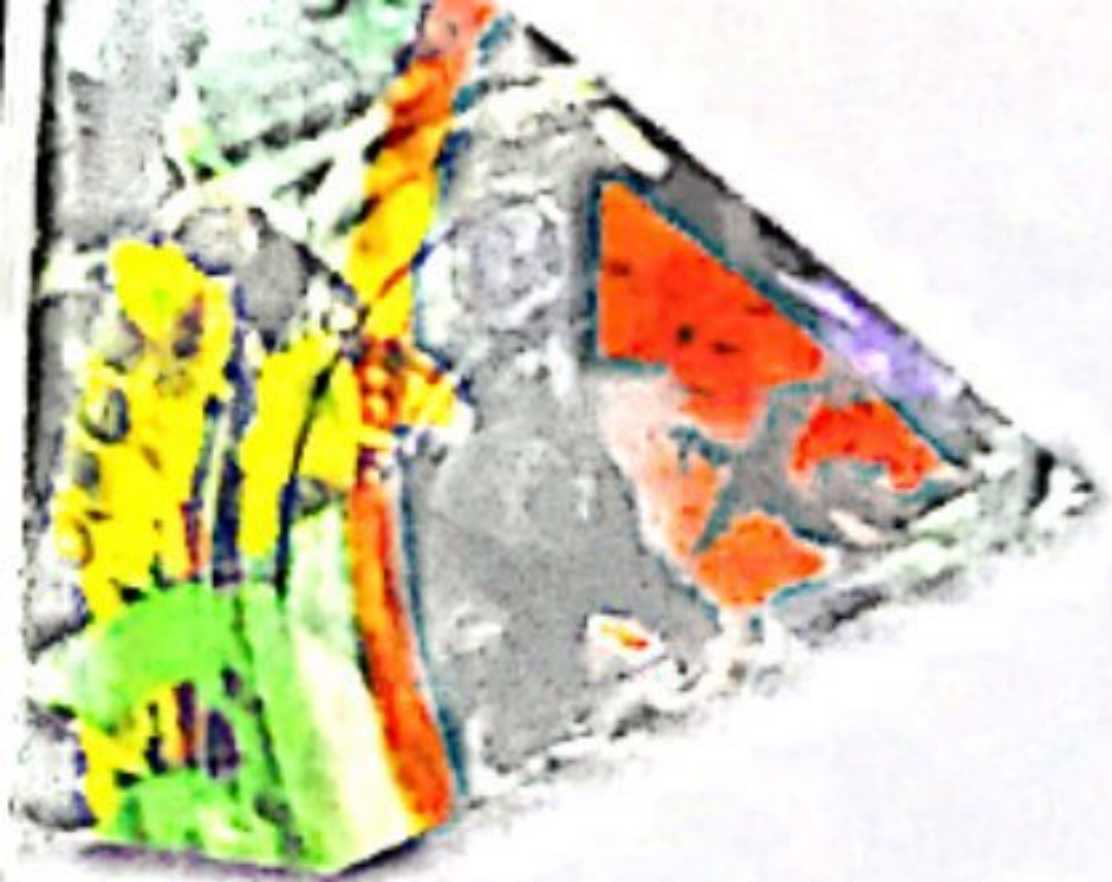
Yes, usually.

Yes, sometimes.

No, never.

- 4 Tell the class about you and your partner.

John usually gets up early. I never get up early.



6

Every day

The time • Present Simple – *he/she* • *always/sometimes/never*
Words that go together • Days of the week

STARTER

1 **T 6.1** Listen and repeat. Write the times.



1 It's nine o'clock.



2 It's nine thirty.



3 It's nine forty-five.



4 It's ten o'clock.



5 It's ten fifteen.



6



7



8



9



10

2 **T 6.2** Listen to the conversation.

A What time is it, please?

B It's nine o'clock.

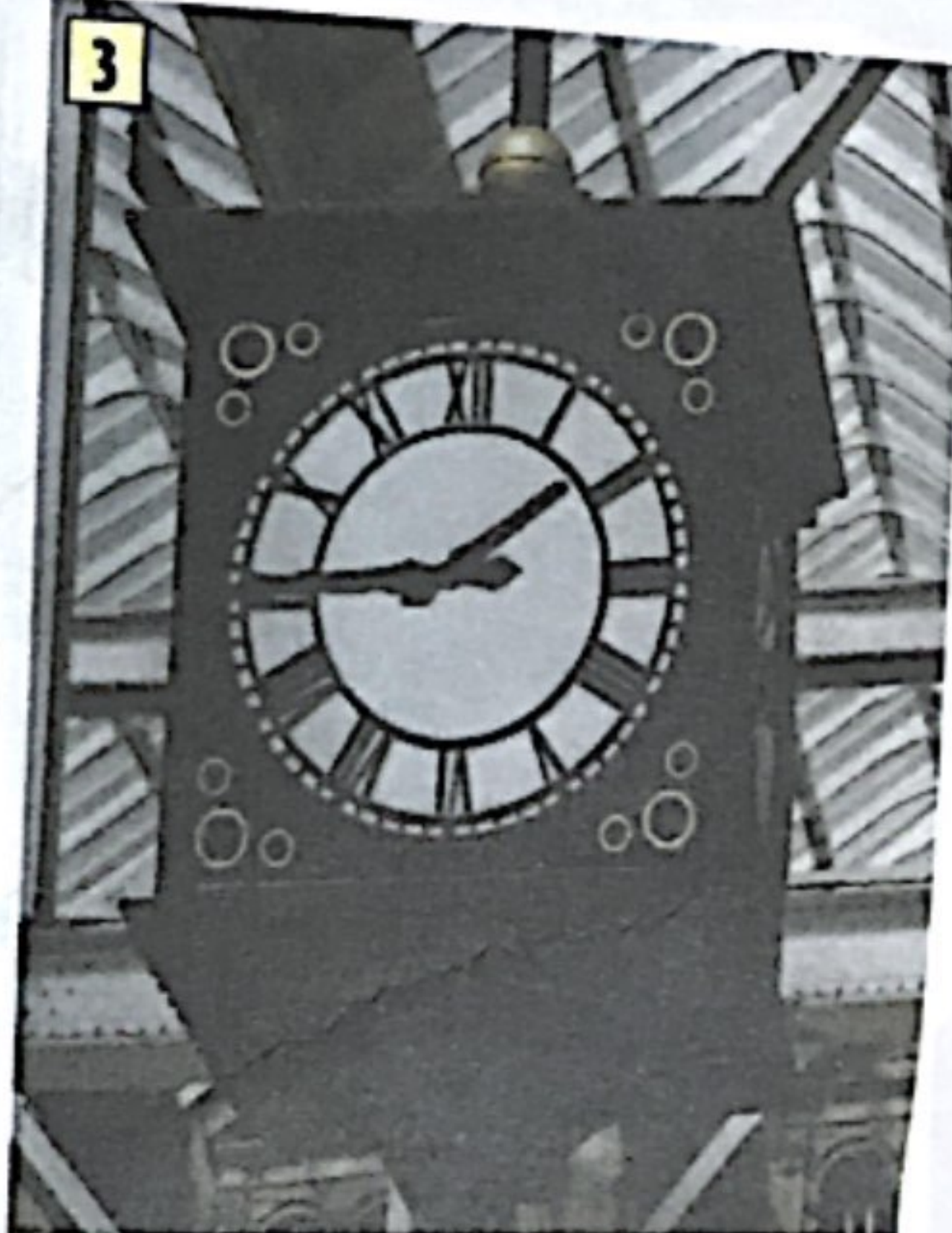
A Thank you very much.

Work with a partner. Ask and answer questions about the time.

2



3



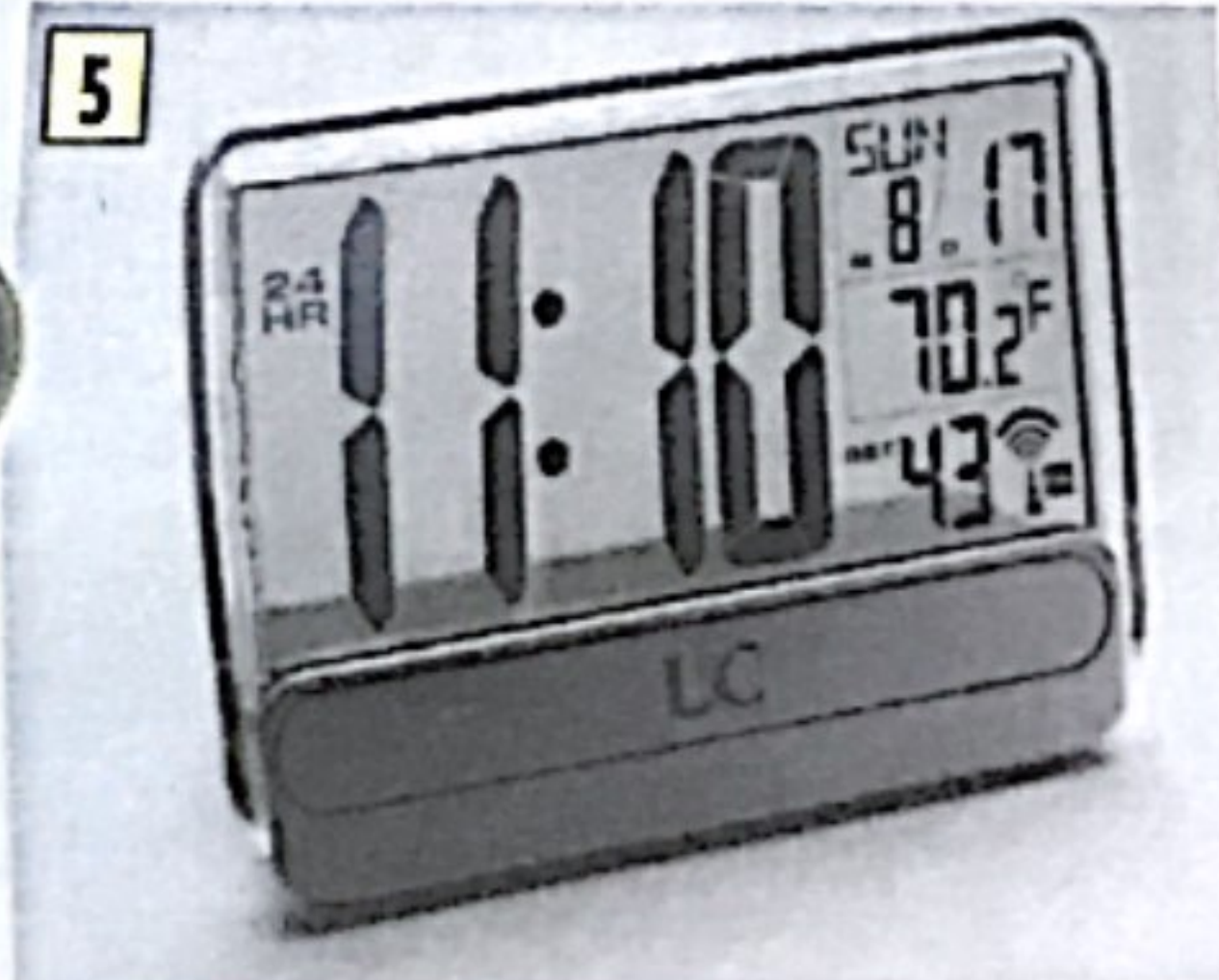
1



4



5



VOCABULARY AND PRONUNCIATION

1 Match the countries and nationalities.

England	Japanese
Germany	French
Italy	English
Mexico	American
Syria	Chinese
Japan	Italian
Portugal	Syrian
China	Mexican
France	German
the United States	Portuguese
Saudi Arabia	Saudi Arabian

T 5.10 Listen and repeat.

2 What nationality are the people in the pictures, do you think?

I think they're Italian.

Well, I think they're Omani.

3 Match the countries and the languages to make true sentences.

In Portugal they speak Portuguese.

Portugal	German
Canada	Italian
France	Japanese
Germany	Portuguese
Italy	Spanish
Japan	English
Mexico	Turkish
Libya	French
Turkey	Russian
Russia	Arabic

T 5.11 Listen and check.

4 Ask and answer questions with a partner.

What language do they speak in Portugal?

Portuguese.