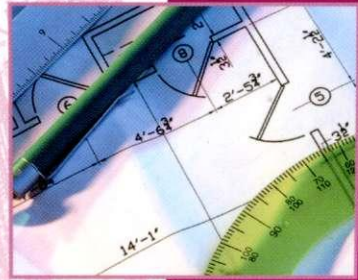


English for Construction

1

Vocational English
Course Book

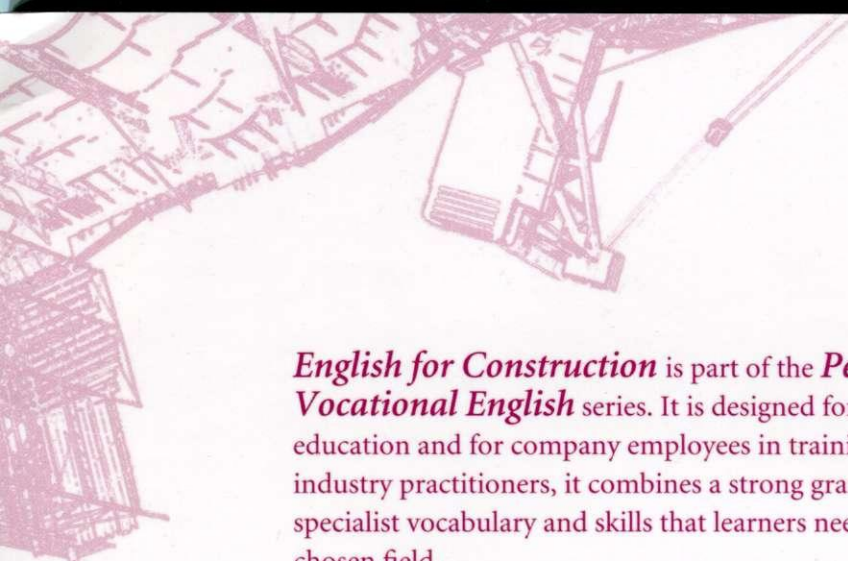


Evan Frendo

Series editor David Bonamy



CD-ROM



English for Construction is part of the ***Pearson Longman Vocational English*** series. It is designed for students in vocational education and for company employees in training at work. Written by industry practitioners, it combines a strong grammar syllabus with the specialist vocabulary and skills that learners need to succeed in their chosen field.

Level 1 ***English for Construction*** is designed for students with a basic knowledge of general English who now require an elementary (CEF level A1–A2) English course in this specific field. It includes:

- topics that reflect the latest developments in construction, making them immediately relevant to students' needs.
- clearly defined language and function objectives which are backed up by comprehensive on-the-page language boxes.
- essential online support for teachers including teacher's notes, fully editable tests and multilingual glossaries.
- student CD-ROM with interactive glossaries in both British and American English and full course book audio in MP3 format.

Other titles in the series include:

English for Banking & Finance

English for Information Technology

English for Nursing

English for Oil and Gas

COMMON EUROPEAN FRAMEWORK	
A1	
A2	Level 1
B1	Level 2
B2	
C1	



Contents

	Function	Language	Vocabulary	
Unit 1 The construction industry	Introductions p. 4	Introducing yourself and others	Present simple: <i>be</i> Present simple: regular verbs Adverbs of frequency	Jobs
	Finding out more p. 6	Talking about jobs in the construction industry	<i>Wh-</i> questions Questions with <i>be</i>	The alphabet <i>Wh-</i> question words
	The construction industry p. 8	Describing parts of the construction industry	Plurals Prepositional verbs	Types of construction Industry sectors
	Parts of a house p. 10	Understanding a house plan Naming parts of a house	<i>This is ...</i>	House features
	Review p. 11			
Unit 2 Trades	Trades and training p. 12	Describing trades and the stages of trade training	Present simple	Trades Vocational courses
	Trade materials p. 14	Talking about materials Making calculations	Parts of speech Numbers 1–100	Materials Calculation words
	Instructions p. 16	Giving instructions Saying where things are	The imperative Sequencers Prepositions of place	Scaffolding
	The apprentice p. 18	Giving personal information	Questions and answers for personal information	Tools
	Review p. 19			
Unit 3 Heavy equipment	Delivery p. 20	Answering questions about delivery Talking about the delivery of heavy equipment	Present continuous	Movement verbs
	Cranes p. 22	Using cranes and control units	Opposites <i>There is/There are</i>	Cranes
	Controls and equipment p. 24	Asking questions about equipment Explaining how to mix cement	<i>clockwise/anticlockwise</i>	Remote controls Equipment for mixing concrete
	On site p. 26	Making conversation	Word order Expressions: <i>fair enough, will do</i>	Question phrases
	Review p. 27			
Unit 4 Building supplies	Building materials p. 28	Talking about building suppliers and materials	Word pairs	Products and materials
	Materials p. 30	Placing and confirming an order Checking stock items	Phrases: <i>order number, in stock</i> Making requests	Supply orders
	Insulation p. 32	Talking about insulation Changing a customer order/delivery	<i>Use to/Used as/Used for</i> Emails	Types of insulation Stock
	Problems on site p. 34	Explaining problems	<i>Too/Not enough</i>	Parts of a building site Adjectives: <i>soft, wet, heavy</i>
	Review p. 35			

	Function	Language	Vocabulary	
Unit 5 On site	On-site subcontractors p. 36	Describing what subcontractors do/are doing at the moment	Present simple and present continuous	Subcontractors
	Directions p. 38	Following directions Giving directions	Giving directions	Maps
	Weather on site p. 40	Understanding different types of weather Giving reasons	<i>Because of</i>	Weather
	Food p. 42	Talking about food	Conversation using present simple and present continuous	Food
	Review p. 43			
Unit 6 Health and safety	Warning signs p. 44	Identifying different types of signs	<i>Must</i>	Personal protective equipment (PPE)
	Site safety p. 46	Describing problems Completing a vehicle safety checklist	Adjectives: <i>too full</i>	Health and safety Vehicle parts
	First aid p. 48	Explaining injuries	Past simple: <i>be</i> Past simple	Parts of the body A first aid kit
	Waste disposal p. 50	Understanding waste disposal and colour codes	Word partnerships: <i>clean metal, general waste</i>	Waste materials
	Review p. 51			
Unit 7 The contractor's office	Clients p. 52	Welcoming clients	Word pairs	Job descriptions Nouns: <i>structural engineer, bookkeeper</i>
	Projects p. 54	Discussing projects Describing structures using dimensions	Metric and imperial measurements	Buildings
	Shapes p. 56	Describing the shape of constructions	Expressions: <i>30 by 60</i>	Shapes Dimensions Word stress
	Calculations p. 58	Giving calculations Calculating an area	Calculations Word order	Calculation symbols
	Review p. 59			
Unit 8 Planning ahead	Planning a project p. 60	Planning a new bridge Completing a schedule	<i>Will</i> future	Calendar Months of the year
	Schedules p. 62	Making appointments Telling the time	Prepositions of time	Dates and times
	Bridges p. 64	Making comparisons	Comparative and superlative adjectives	Descriptive adjectives
	Quantities p. 66	Writing quantities	<i>How much/How many</i>	Containers
	Review p. 67			
Partner files p. 68				
Audio script p. 72				

1

The construction industry

- introduce yourself and others
- talk about jobs in the construction industry
- describe types of construction
- understand a house plan

Introductions



a building inspector



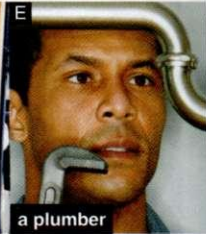
a roofer



an architect



a crane operator



a plumber

Vocabulary 1 Match photos A–E to texts 1–5.

- 1 Hello, I'm Kamal Boukhaled, from Morocco. I'm a plumber. _____
- 2 I'm Isabelle Roux, from France. I'm an architect. _____
- 3 Hi, my name's Santiago Cruz. I'm from Venezuela. I'm a crane operator. _____
- 4 Hi, I'm Karol Nowacki. I'm from Poland. I'm a roofer. _____
- 5 Hello there. My name's Jun Takahashi. I'm from Japan. I'm a building inspector. _____

Listening 2 02 Complete these conversations. Then listen and compare your answers.

- 1 Jun: Hi! I'm Jun Takahashi, from the Ministry.
Isabelle: Hi, Mr Takahashi. (1) _____ Isabelle Roux. I'm from (2) _____.
I'm the architect on this project.
Jun: Ah, I'm a building (3) _____.
Isabelle: Pleased to (4) _____ you.
- 2 Karol: Hi! Karol Nowacki.
Santiago: Santiago Cruz.
Karol: What do you do, Santiago?
Santiago: I'm a crane (5) _____. And you?
Karol: Me? I'm a(n) (6) _____.
- 3 Kamal: Hi! My (7) _____ is Kamal Boukhaled.
Santiago: Hi, Kamal. I'm Santiago.
Kamal: (8) _____ are you from?
Santiago: From Caracas, Venezuela.
Kamal: Ah, Caracas. A beautiful city. I come from (9) _____.
- 4 Kamal: Hello. (10) _____ name's Kamal Boukhaled.
Karol: Hi, Kamal. I'm Karol Nowacki. And this is Isabelle Roux.
Kamal: Hello, Isabelle.
Isabelle: Pleased to meet you.
Karol: What do you (11) _____, Kamal?
Kamal: I'm a plumber.
Karol: I'm a roofer. And Isabelle designs buildings.
Kamal: She's a(n) (12) _____?
Isabelle: Yes, that's right.

Reading 3 Read this text and underline the verbs.



Harun Rashid is 35 years old. He comes from Alexandria, but lives and works in Cairo.

Harun is a general contractor. He hires subcontractors to work on building projects. He also organises the material and equipment. Harun has a lot of experience in the construction industry.

Harun always works hard. Sometimes he has meetings with clients. Sometimes he visits construction sites. And sometimes he deals with suppliers. He is always busy.

But Friday is different. Harun never works on Fridays. Friday is a day off.

4 Correct these sentences.

- 1 Harun Rashid is a plumber. _____
- 2 He hires clients to work on building projects. _____
- 3 He has a lot of experience in the tourist industry. _____
- 4 He never visits construction sites. _____
- 5 He always works on Fridays. _____

Language

Present simple: be

We use be to say who somebody is or what something is.	<i>I'm Santiago Cruz. He's Harun Rashid. This is a construction site. We're roofers.</i>
We use be to ask personal questions.	<i>What's your name? My name's Karol.</i>


Present simple: regular verbs

We use the present simple to talk about routines, permanent situations and general truths.	<i>We work in an office. Water freezes at 0°C.</i>
We use adverbs of frequency and time expressions with the present simple.	<i>Harun Rashid never works on Fridays. They work every Saturday.</i>

Speaking 5 Work in pairs and introduce yourselves. Use this model to help you.

<p>A</p> <p>Hi!/Hello./Good morning.</p> <p>I'm ____./My name's ____.</p> <p>What's your ____?</p> <p>Pleased to meet you.</p> <p>Where are you ____?</p> <p>I'm from ____.</p>		<p>B</p> <p>Hi!/Hello./Good morning.</p> <p>I'm ____./My name's ____.</p> <p>I'm from ____ . And you?</p>
--	--	--


Finding out more

Listening 1  03 Listen and repeat the letters of the alphabet.



The alphabet

A, H, J, K
B, C, D, E, G, P, T, V, Z (American English)
F, L, M, N, S, X, Z (British English)
I, Y
O
Q, U, W
R

2  04 Listen and write the surnames you hear.

- 1 Robert _____
- 2 Carlos _____
- 3 Sasha _____

Speaking 3 Work in pairs. Student A look at the information on this page. Student B look at the information on page 68.

Student A

Read the letters to Student B. Write the letters Student B says. What do the letters mean?

HVAC rpm AC JCB

HVAC = heating, ventilation and air conditioning
rpm = revolutions per minute
AC = alternating current
JCB = JC Bamford Excavators Limited (a construction equipment manufacturer)

4 Practise this conversation with your classmates. Write the names.

A

What's your name?

How do you spell that?


Thank you.

B

Jun Takahashi.

My first name is Jun – J-U-N.

My family name is Takahashi –
T-A-K-A-H-A-S-H-I.

Listening 5  **05** Listen to three conversations. Write the jobs you hear for each person 1–8.

- | | |
|----------------|------------------|
| 1 Ahmed: _____ | 5 Rob: _____ |
| 2 Tariq: _____ | 6 Pierre: _____ |
| 3 Jacek: _____ | 7 Kim: _____ |
| 4 Luis: _____ | 8 Antonio: _____ |

Language

Wh- questions

Wh- questions begin with a question word (e.g. What, Where, How).

We use what when we want to know about something.	What's your name? What do you do?
We use where to ask about places.	Where do you work?
We use how to ask about the way to do something.	How do you spell that?

Questions with be

We reverse the order of the verb <i>be</i> to form a question.	He is on site today. → Is he on site today?
--	--

6 Read the three conversations in audio script 5 on page 72 and underline the questions in the conversations.

7 Complete these sentences with *What, Where* or *How*.

- | | |
|-------------------------|-----------------------|
| 1 _____ do you live? | 5 _____ time is it? |
| 2 _____ do you do? | 6 _____ old are you? |
| 3 _____ are you? | 7 _____ is the site? |
| 4 _____'s your address? | 8 _____ are you from? |

8 Put the words in 1–6 in the correct order to make questions. Then match the questions to answers a–f.

- 1 what / he / do / does / ?
- 2 can / you / help / I / ?
- 3 how / spell / you / that / do / ?
- 4 where / work / you / do / ?
- 5 what / you / do / do / ?
- 6 are / the / manager / site / you / ?

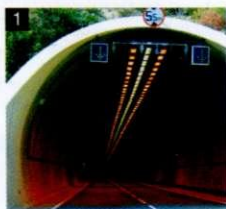
- a) He's a crane operator.
- b) I'm a plumber.
- c) On a building site.
- d) C-H-E-S-T-E-R-T-O-N-S.
- e) I'm looking for Kim.
- f) Yes, I am.

Speaking 9 Work in pairs. Take turns to ask and answer questions about the people in 5.

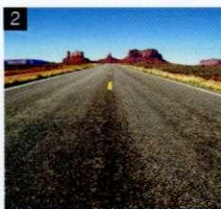
- | | | |
|-------------------|---|-----------------------|
| A | | B |
| What does Kim do? | → | She's a site manager. |
| What about Tariq? | → | Tariq is a |
| OK. Your turn. | → | |

The construction industry

Listening 1 06 Listen and write the missing letters.



t _ n n _ l



r _ _ d



b r _ d _ _



h _ _ s _



s _ h _ _ l



_ o s p _ t _ l



a _ a _ t m _ _ t



o _ f i c _ b _ o _ k

2 07 Listen and write the types of construction you hear.

1 _____

4 _____

2 _____

5 _____

3 _____

6 _____

Speaking 3 Choose a role card. Introduce yourself to other students. Use the model below to help you.

1 Name: Kasia Katolsky
Job: building inspector
Typical projects: factories, schools
From: Katowice, Poland

2 Name: Thomas Smith
Job: roofer
Typical projects: residential projects (houses, apartments)
From: Toronto, Canada

3 Name: Mohamed bin Ali
Job: site manager
Typical projects: hospitals
From: Dubai, United Arab Emirates (UAE)

4 Name: Park Ji-Wung
Job: crane operator
Typical projects: bridges, flyovers
From: Seoul, Korea

A
Hi! I'm _____ ./
My name's _____ .

What do you do?

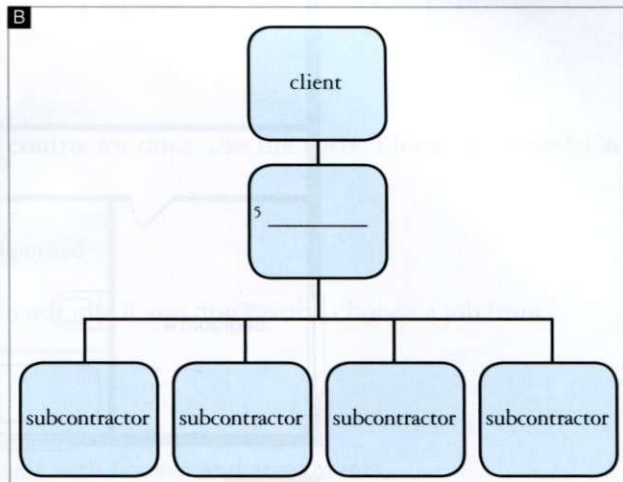
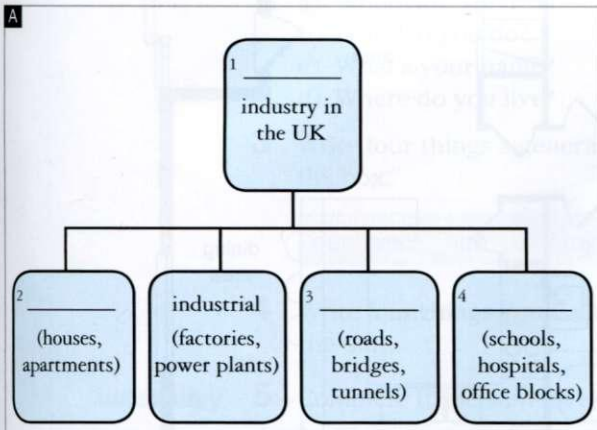
What types of construction do you work on?

Where are you from?

B
Hi! I'm Raja Anand./My name's Raja Anand.
I'm a general contractor.
We build apartment blocks.
I'm from Mumbai, India.

Reading 4 Read this text and complete charts A and B.

The construction industry in the UK consists of four different sectors. The residential sector deals with houses and apartments. The industrial sector deals with big projects like factories and power plants. The infrastructure sector is for projects like roads, bridges and tunnels. The commercial sector is for things like schools, hospitals and office blocks. The client pays for the project and hires general contractors to deal with subcontractors, equipment and materials.



Vocabulary 5 Work in pairs. Take turns to draw different types of construction and say what they are.

6 Complete these sentences with the verbs in the box.

are consists of deal with hires pays for

- 1 The general contractor _____ subcontractors.
- 2 General contractors _____ subcontractors, equipment and materials.
- 3 The team _____ a site manager, three roofers and a plumber.
- 4 Roads, bridges and tunnels _____ infrastructure sector projects.
- 5 The client _____ the project.

Language

Plurals

We add **-s**, **-es**, or **-ies** to make a noun plural.

apartment → *apartments*
box → *boxes*
factory → *factories*

7 Read the text in 4 again and underline the plurals.

Speaking 8 Work in groups. Think about the construction industry in your area. List examples of the following.

- | | |
|-------------------------------|----------------------------------|
| 1 clients | 5 infrastructure sector projects |
| 2 general contractors | 6 commercial sector projects |
| 3 subcontractors | 7 industrial sector projects |
| 4 residential sector projects | |