

# Contents

The Book comes with resources including the Course Book which are available through the Pearson English Portal.

Unit / Section	Function / Skill	Grammar / Discourse	Lexis / Technology
Unit 1 Check-up	<b>1.1 Basics</b> p.4 Meeting and greeting people Using forms Following instructions	Verb <i>be</i> <i>I'm Danielle. I'm a technician.</i> Imperatives	Basic vocabulary: <i>say, write ...</i> Tools, fixings, electrical parts, occupations
	<b>1.2 Letters and numbers</b> p.6 Exchanging information Using forms Units of measurement	 <i>How do you spell ... ?</i> <i>L 5.1</i> <i>60 202167</i>	Personal details Cardinal numbers Alphabet Abbreviations of units: <i>kg, m</i>
	<b>1.3 Dates and times</b> p.8 Using numbers Talking about travel timetables Making appointments	<i>LH three oh six. Monday the twenty-eighth of December.</i>	Ordinal numbers Dates and times Decimals
Unit 2 Parts (1)	<b>2.1 Naming</b> p.10 Identifying things	<i>What's that? It's a car.</i> <i>What's this called?</i> <i>this, that, these, those</i>	Parts: <i>wheel, axle, plate ...</i> Fixings: <i>nuts, bolts, nails ...</i> Vehicles: <i>car, bike, plane ...</i>
	<b>2.2 Assembling</b> p.12 Using checklists Saying what you need for a job Using an instruction manual	<i>I need some bolts. What size?</i> Imperative + object + location: <i>Put the wheel on the axle.</i>	Verbs: <i>loosen, tighten, push ...</i> Linear: <i>mm, mil, millimetre</i>
	<b>2.3 Ordering</b> p.14 Using voicemail Ordering by phone Introducing yourself and others	<i>How many do you need?</i> <i>What's your name? Please spell that.</i>	Numbers: <i>double 5, zero</i> Sizes: <i>small, medium, large</i> Colours: <i>red, blue, black ...</i>
Review Unit A p.16			
Unit 3 Parts (2)	<b>3.1 Tools</b> p.20 Describing components Using a product review	Present simple of <i>have</i> <i>My multi-tool has blades and a spanner.</i>	Tools: <i>spanner, (a pair of) pliers</i> Parts of tools: <i>shaft, blade, head ...</i>
	<b>3.2 Functions</b> p.22 Saying what things do Describing a product Talking about people's jobs	Present simple <i>A chisel cuts wood.</i> <i>Where do you work?</i>	Verbs: <i>measure, grip, cut, open ...</i> Everyday tools: <i>torch, alarm ...</i> Occupations: <i>operator, technician ...</i>
	<b>3.3 Locations</b> p.24 Saying where things are	Adverbials and prepositions of location <i>Where is it? It's at the top.</i>	Location: <i>top, bottom, middle ...</i> Computer and electronic equipment
Unit 4 Movement	<b>4.1 Directions</b> p.26 Describing direction of movement	Adverbials of direction <i>can, can't, cannot</i> <i>Can a helicopter fly backwards? Yes, it can.</i>	Direction: <i>up, down, forwards ...</i> Adverbs: <i>straight, vertically</i> Angles: <i>degrees</i>
	<b>4.2 Instructions</b> p.28 Using an instruction manual	Imperative + present simple <i>Push the joystick upwards and the plane accelerates.</i>	Movement: <i>ascend, descend ...</i> Controls: <i>joystick, switch ...</i> Speed: <i>km/h, m/s</i>
	<b>4.3 Actions</b> p.30 Using an instruction manual Giving and following instructions Explaining what happens	<i>When clause</i> <i>When you pull the lever backwards, the truck reverses.</i>	Movement: <i>drive, reverse ...</i>
Review Unit B p.32			
Unit 5 Flow	<b>5.1 Heating system</b> p.36 Explaining how fluids move around a system Using a flow chart	Present simple <i>The water flows through the pipe into the tank.</i> Prepositions of movement	Parts of a fluid system: <i>inlet ...</i> Prepositions: <i>into, out of, to ...</i> Verbs: <i>enter, flow, sink ...</i>
	<b>5.2 Electrical circuit</b> p.38 Explaining how an electrical circuit works	Zero conditional <i>If the battery is empty, the current doesn't flow.</i>	Circuit: <i>battery, conductor ...</i> Electrical units: <i>ampere, watt</i>
	<b>5.3 Cooling system</b> p.40 Explaining how cooling systems work Describing everyday routine	Reference words: <i>here, it, this</i> Present simple in routines	Cooling system parts: <i>engine, fan ...</i> Temperature: <i>degrees Celsius</i>
Unit 6 Materials	<b>6.1 Materials testing</b> p.42 Giving a demonstration Explaining what you're doing	Present continuous <i>I'm stretching the rope.</i>	Verbs: <i>bend, cut, compress ...</i> Spelling: <i>strike/striking ...</i>
	<b>6.2 Properties</b> p.44 Describing the properties of materials	<i>What's it made of?</i> <i>You can't bend it. = It's rigid.</i>	Materials: <i>aluminium, graphite ...</i> Properties: <i>hard, rigid, tough ...</i>
	<b>6.3 Buying</b> p.46 Using a customer call form Buying and selling by phone Checking Starting a phone call	<i>What's your email address?</i> <i>Could you spell/repeat that?</i> <i>How many would you like?</i>	Email/Web addresses: <i>at, dot ...</i> Prices: <i>euro, dollar</i>
Review Unit C p.48			

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Unit 7 Specifications	<b>7.1 Dimensions</b> p.52 Specifying dimensions Using a specifications chart	<i>How long is it? It's 9 mm long. The length of the road is 120 km.</i>	Bridge parts: <i>deck, pier, pylon</i> Adjectives/nouns: <i>long/length, high/height</i> Linear and weight: <i>mm, m, kg ...</i>
	<b>7.2 Quantities</b> p.54 Specifying materials Buying materials for a job Using a materials checklist	Countable and uncountable nouns <i>I'd like some paint, please.</i>	Substances: <i>glue, cement, oil ...</i> Containers: <i>tube, tin, bag ...</i> Area and volume: <i>m<sup>2</sup>, litre</i>
	<b>7.3 Future projects</b> p.56 Describing plans for the future Using a Gantt chart	<i>will, won't</i> Time expressions: <i>in 2050, at the end of 2050</i>	Verbs: <i>attach, complete, connect ...</i>
Unit 8 Reporting	<b>8.1 Recent incidents</b> p.58 Taking an emergency call Explaining what has happened Checking on progress	Present perfect <i>I've checked the brakes. Have you checked the tyres?</i>	Car repair: <i>brakes, exhaust pipe ...</i> Building site: <i>beam, bucket, digger ...</i>
	<b>8.2 Damage and loss</b> p.60 Reporting damage Dealing with a customer	Past participles as adjectives: <i>It's broken. They're dented. There are some scratches on the screen. There's no user manual.</i>	Electrical: <i>antenna, plug ...</i> Damage: <i>bent, broken, dented ...</i> Loss: <i>missing</i>
	<b>8.3 Past events</b> p.62 Discussing past events Phoning a repair shop	Past simple <i>They launched it in 2006.</i> Time expressions: <i>in 2008, on 5<sup>th</sup> October, fifty years ago ...</i>	Time: <i>today, yesterday, a week ago ...</i> Revision of dates and years <i>more than, less than</i>
Review Unit D p.64			
Unit 9 Troubleshooting	<b>9.1 Operation</b> p.68 Explaining how things work Explaining what things do	Revision of present simple <i>The handlebar steers the airboard.</i>	Verbs: <i>control, drive, press ...</i> Parts: <i>body, lever ...</i> Connections: <i>attached to, mounted on ...</i>
	<b>9.2 Hotline</b> p.70 Listening to an automated phone message Using a service hotline Taking a customer through a problem and solution	<i>Is the computer connected to the adapter?</i> Short answers: <i>Yes, I have. No, it doesn't. Yes, it is.</i>	Electronics and computing: <i>HDMI socket, hub, powerline adapter ...</i> Connections: <i>connected to</i>
	<b>9.3 User guide</b> p.72 Using a flow chart Using a troubleshooting guide	Zero conditional + imperative <i>If it doesn't start, check the cable.</i>	Electronics: <i>LED, loose (cable) ...</i> Computing: <i>cable, printer ...</i> Car repair: <i>flat (battery) ...</i>
Unit 10 Safety	<b>10.1 Rules and warnings</b> p.74 Following safety rules Giving and following warnings Using safety signs	<i>could, might, must</i> <i>Always ... Don't ... You mustn't ... You might trap your hand.</i>	Safety gear: <i>hard hat, gloves ...</i> Hazards: <i>poison, danger ...</i> Accidents: <i>hurt, injure, trap ...</i> Shapes: <i>circular, round ...</i>
	<b>10.2 Safety hazards</b> p.76 Giving and following warnings Noticing safety hazards Reporting safety hazards	Past tense of <i>be</i> <i>The fire exit was locked. There were no fire extinguishers.</i>	Hazard nouns: <i>gap, bare wire ...</i> Hazard adjectives: <i>coiled, damaged, locked ...</i> Safety: <i>fire exit, safety cone ...</i>
	<b>10.3 Investigations</b> p.78 Investigating an accident Reporting an accident Giving, accepting and turning down an invitation	Questions in the past simple <i>Where? When? How high? What? How far? How many?</i>	Nouns on a form: <i>position, altitude, distance ...</i>
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Unit 11 Cause and effect	<b>11.1 Pistons and valves</b> p.84 Expressing causation, permission and prevention Explaining how a four-stage cycle works	Verb constructions <i>cause, allow + to infinitive make, let + bare infinitive stop, prevent + from + gerund</i>	Hydraulics: <i>chamber, inlet, outlet ...</i>
	<b>11.2 Switches and relays</b> p.86 Explaining how a relay circuit works Giving an oral presentation	Further practice of verb patterns in 11.1	Electrical: <i>battery, buzzer, earth ...</i>
	<b>11.3 Rotors and turbines</b> p.88 Explaining how a wind turbine works Making suggestions	Further practice of verb patterns in 11.1 Reference words: <i>it, one</i>	Turbines: <i>blade, brake, gear ...</i> Verbs: <i>drive, rotate, send ...</i>
Unit 12 Checking and confirming	<b>12.1 Data</b> p.90 Describing specifications Expressing approximation Checking that data is correct	Revision of question forms <i>Is that right? No, that's wrong.</i>	Approximation: <i>about, over, at least ...</i> Nouns: <i>mass, rotation</i>
	<b>12.2 Instructions</b> p.92 Following spoken instructions Confirming actions Describing results of actions	Revision of imperative with present continuous	Revision of controls, vehicles, direction adverbs, verbs of movement
	<b>12.3 Progress</b> p.94 Describing maintenance work Checking progress with a Gantt chart	Revision of present perfect, past simple, present continuous, and <i>will</i>	Maintenance and repair: <i>check, inspect, assemble ...</i>

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Grammar summary p.100

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