Oxford English for

Electronics

Eric H. Glendinning
John McEwan

Oxford University Press

Contents

	Page		
Unit 1	8	**Electronics in the home**	
	8	Tuning-in	
	8	Reading	*Reading for a purpose*
	10	Reading	*Understanding diagrams*
	11	Language study	*Describing block diagrams and circuits*
	12	Speaking practice	
	12	Writing	*Describing diagrams*
Unit 2	14	**Choosing a course**	
	14	Reading	*Guessing from context*
	16	Language study	*Comparison and contrast, 1*
	18	Word study	*Word stress*
	18	Writing	*Requesting information*
Unit 3	19	**Full-time student**	
	19	Listening	
	20	Writing	*Comparing and contrasting, 1*
Unit 4	21	**Component values**	
	21	Technical reading	*Resistor values*
	22	Technical reading	*Capacitor values*
	23	Technical reading	*Diode codes*
	24	Writing	*Linking facts and ideas, 1*
Unit 5	26	**Batteries**	
	26	Tuning-in	
	28	Language study	*Describing components*
	29	Speaking practice	
	29	Word study	*Verbs and related nouns*
	29	Technical reading	*Battery charger*
	32	Writing	*Describing diagrams*
Unit 6	33	**Making a recording**	
	33	Tuning-in	
	34	Language study	*Describing a process*
	35	Word study	*Topic sets, 1*
	36	Writing	*Describing a process*
Unit 7	38	**Sound engineer**	
	38	Listening	
	40	Reading	*Comparing sources*
	40	Language study	*Giving advice*

	Page		
Unit 8	42	**Remote control**	
	42	Tuning-in	
	43	Reading	*Information transfer*
	44	Language study	*Actions in sequence*
	45	Speaking practice	
	45	Writing	*Describing a system*
	46	Technical reading	*Remote control system*
Unit 9	48	**Alarm systems**	
	48	Tuning-in	
	50	Language study	*If-sentences*
	51	Speaking practice	
	51	Word study	*Word pairs, 1*
	52	Technical reading	*Alarm systems*
	53	Writing	*Explanations*
Unit 10	55	**Radio**	
	55	Tuning-in	
	56	Reading	*Information transfer*
	57	Language study	*Reduced time clauses*
	58	Speaking practice	
	59	Word study	*Word formation*
	59	Technical reading	*Radio*
	62	Writing	*Describing a process*
Unit 11	63	**Transistor characteristics**	
	63	Tuning-in	
	64	Reading	*Locating and applying information*
	65	Writing 1	*Describing transistor characteristics*
	66	Writing 2	*Ordering components*
Unit 12	67	**Metal detector**	
	67	Tuning-in	
	69	Reading	*Linking what you read with what you know*
	71	Language study	*Grammar links*
	71	Word study	*Transitive verbs*
	72	Writing	*Linking facts and ideas, 2*
Unit 13	74	**Music centre**	
	74	Tuning-in	
	75	Language study	*Allowing and preventing verbs*
	77	Speaking practice	
	77	Writing	*Adding information to a text*
	80	Technical reading	*Stereo power amplifiers*
Unit 14	81	**Day release student**	
	81	Listening	
	82	Language study	*Would*
	83	Word study	*Word pairs, 2*

	Page		
Unit 15	84	**Drum machine**	
	84	Tuning-in	
	85	Reading 1	*Recognizing topic*
	86	Reading 2	*Recognizing similar meaning*
	87	Language study	*-ing forms*
	87	Word study	*Compound nouns, 1*
	88	Technical reading	*Sampling*
Unit 16	90	**Audio recording systems**	
	90	Tuning-in	
	92	Language study	*Cause and effect, 1*
	92	Speaking practice	
	93	Writing	*Linking facts and ideas, 3*
Unit 17	95	**CDs**	
	95	Listening	
	96	Language study	*Comparison and contrast, 2*
Unit 18	97	**Graphs**	
	97	Reading	*Understanding graphs*
	97	Language study	*Describing graphs*
	100	Word study	*Common verbs in electronics*
	100	Writing	*Describing graphs*
	101	Speaking practice	
Unit 19	102	**Test and repair instruments**	
	102	Tuning-in	
	104	Reading	*Information transfer*
	105	Language study	*Cause and effect, 2*
	105	Word study	*Compound nouns, 2*
	106	Technical reading	*Cathode ray oscilloscope*
Unit 20	108	**High definition television**	
	108	Tuning-in	
	110	Language study	*Certainty*
	111	Technical reading	*Television display*
	113	Writing	*Linking facts and ideas, 4*
Unit 21	114	**Video cassette recorder**	
	114	Tuning-in	
	116	Language study	*Change and result*
	117	Word study	*Technical and non-technical words*
	117	Speaking practice	
	118	Writing	*Comparing and contrasting, 2*

	Page		
Unit 22	119	**Technician**	
	119	Listening	
	120	Reading	*Search reading*
	121	Language study	*Necessity*
Unit 23	122	**Computers**	
	122	Tuning-in	
	124	Language study	*Describing purpose*
	124	Word study	*Prefixes*
	125	Technical reading	*Combinational logic*
	128	Writing	*Explaining a process control system*
Unit 24	129	**Digital watch**	
	129	Tuning-in	
	131	Language study	*Cause and effect, 3*
	133	Technical reading	*Divider circuits*
	135	Writing	*Linking facts and ideas, 5*
Unit 25	136	**Field engineer**	
	136	Listening	
Unit 26	139	**Telecommunications**	
	139	Tuning-in	
	140	Reading	*Reading and note-taking*
	142	Language study	*Simple Past* versus *Present Perfect*
	144	Technical reading	*Transmission lines*
Unit 27	148	**Cellphones**	
	148	Tuning-in	
	149	Reading	*Recognizing topic, locating detail*
	152	Writing	*Linking facts and ideas, 6*
Unit 28	153	**Data transmission**	
	153	Tuning-in	
	154	Reading	*Comparing sources*
	156	Language study	*Reduced relative clauses*
	157	Word study	*Short forms*
	157	Writing	*Describing transmission processes*
	159	Technical reading	*Communication services*
Unit 29	162	**Careers in electronics**	
	162	Tuning-in	
	163	Reading	*Reading and sharing information*
	165	Speaking practice	
	165	Word study	*Topic sets, 2*
	165	Writing	*Describing career plans*

	Page		
Unit 30	166	**Job ads**	
	166	Reading	*Understanding job ads*
	168	Listening	
	170	Speaking practice	
	173	Writing	*Writing a CV and letter of application*
	174	**Student A** Speaking practice	
	181	**Student B** Speaking practice	
	188	**Appendix 1** Glossary of electronic terms and abbreviations	
	206	**Appendix 2** Circuit symbols	