Glossary

Page 5

- **1.1 feast** (n) /first/ sth that is very enjoyable to see, hear, taste, experience, etc. ● *The dessert we had was a feast for the senses!* ◆ _____
- sense (n) /sens/
 one of the five natural powers of sight, hearing, taste, smell and touch Animals generally have a better sense of smell than humans.
 > sense (v), sensitive, sensory (adj)
- **pastry** (n) /'peɪstri/ a type of sweet made with pastry which looks like a cake, usually with fruit or nuts inside *I've stopped having pastries in the afternoon. They're quite fattening.*

Reading Pages 6-7

- 1.4 hierarchy (n) /'haɪərɑ:ki/ a system in which people or things are organised by importance ● Even in zoos, lions have a complex social hierarchy.
 > hierarchical (adj) ◆ _____
- 1.5 researcher (n) /rɪ'sɜ:tʃə(r)/ a person, e.g. scientist, who does research
 The researcher is doing experiments to find out how different sounds affect people.
 > research (n, v) ◆ _____
- 1.6 study (n) /'st∧di/ a particular piece of research • We carried out a study into how people react to different colours. > study (v) .
- 1.7 reveal (v) /rr'viːl/ make people aware of sth ● The journalist revealed the celebrity's family history.
 > revelation (n) ♦ _____
- 1.8 value (v) /væljuː/ think that sb/sth is important • *I value your* opinion on music, which is why l'm asking you to listen to my song. > value (n), valuable (adj)

- 1.10 similarly (adv) /'sɪmələli/ in almost the same way ● Babies need to eat healthy food. Similarly, it's important they sleep many hours. ➤ similar (adj), similarity (n)
- **1.11** patterned (adj) /'pætənd/ with a design of repeated colours and shapes *He wore a red and black patterned T-shirt.*> pattern (n) .
- 1.12 pottery (n) /'pɒtəri/ plates, dishes, etc. made from clay and then baked ● The shop had beautiful pottery on sale, but my favourite piece was a blue vase.

1.13 findings (n pl) /'faɪndɪŋs/ results ● The findings of the survey show that most children do not like heavily spiced foods. > find (v, n) ♦ _____

- 1.14 prove (v) /pru:v/
 show to be true The research may prove that
 there is some form of life on nearby planets.
 > proof (n)
- 1.16 range (n) /reinʤ/ a group of different things of the same type
 There is a wide range of dishes on the menu to suit all tastes.
- 1.17 practice (n) /'præktıs/ a usual way of doing sth in a particular job or situation; a custom or habit ● Advances in technology have dramatically changed teaching practices. >> practise (v)
- 1.18 develop (v) /dɪ'veləp/ become bigger, more advanced, etc.
 As children grow, they learn to develop the skills required in adulthood. > development (n), developed (adj)
- 1.19 utilise (v) /'ju:təlaız/ make use of sth ● Photographers can utilise computer programs to alter colours and shapes in images. > utilisation (n)

- 1.20 sensory (adj) /'sensəri/ connected with the body's senses ● The human mind reacts to sensory information, including sight, smell, sound, touch and taste.
 > sense (n, v), sensitive, sensible (adj)
 ♦ ______
- 1.21 workings (n pl) /'w3:kiŋz/ the way sth works ● *It's difficult to fully* understand the workings of the human brain. > work (n, v), worker (n) ◆ _____
- 1.22 organ (n) /'ɔːgən/ a part of the body that serves a particular function ● The heart and the brain are the most important of all human organs.
 ◆ ______
- **1.23** lead (to) (v) /li:d (tuː)/ cause ● Too much stress can lead to health issues. ◆ _____
- 1.24 struggle (v) /'str∧gl/ try very hard to do sth difficult • The farmers struggled to survive through the exceptionally cold winter. ≻ struggle (n) �____
- 1.25 restrict (to) (v) /rɪ'strɪkt (tuː)/ control or limit sb/sth with certain rules
 Entrance to the palace gardens is restricted to weekends only. > restriction (n), restrictive (adj) * _____
- **1.26** conduct (v) /kən'd∧kt/ organise or do sth • The students conducted a number of experiments in the science lab.
 ☆______
- 1.27 large-scale (adj) /,lɑːdʒ 'skeɪl/ extensive; involving many things over a wide area ● Police are carrying out a large-scale search to find the suspect. ❖
- 1.28 investigate (v) /In'vestIgeIt/ try to find out the truth about sth like a crime or scientific problem • We are investigating how the power of smell helps us choose food that is safe to eat. ➤ investigation, investigator (n)
- 1.29 texture (n) /'tekst∫ə(r)/ the way a surface feels when you touch it, e.g. hard, soft, fluffy; the way food or drink feels in your mouth • *The steamed rice had a light fluffy texture.* ◆ ______
- 1.30 diverse (adj) /dar'v3:s/
 of many different kinds Students at this university come from a diverse range of backgrounds. >> diversity (n), diversify (v)
- **sign language** (n) /'saɪn læŋgwɪdʒ/ a form of communication through hand movements without speaking, for people who can't hear • Anita is deaf, so her family use sign language to talk with her. \$

- the globe (n) /ðə gləʊb/ the world ● My ambition is to visit as many countries as possible around the globe.
 > global (adj), globally (adv) ♦
- **1.33** range from ... to (phr) /reɪŋdʒ from ... tuː/ vary ● The age of participants in the experiment ranged from 20 to 55. ➤ range (n)
- **1.34** tribe (n) /traɪb/
 a group of people of the same race, language
 and customs *The cultures of the different* tribes in the Amazon basin have some
 similarities. > tribal (adj) ◆ ______
- **1.35** post-industrial (adj) /_ipəʊst ɪn'dʌstriəl/ not dependent on heavy industry any more, e.g. on the making of large machines *Technology plays an important role in the post-industrial age.* ◆ ______
- 1.36 participant (n) /pɑ:'tɪsɪpənt/ sb who takes part ● The participants in the study had to taste various types of food without seeing them. ➤ participate (v), participation (n) ☆ ______
- 1.37 vision (n) /'vɪʒn/ the power of sight ● Having perfect vision, he can read small print without glasses even at a distance. > visual (adj)
- **1.38 floral** (adj) /'flɔːrəl/ decorated with a design of flowers ● *She wore a pretty floral top.* ◆ _____
- 1.39 ease (n) /iz/ the lack of difficulty ● We cycled with ease along the straight road. > easy (adj), easily (adv) ◆ _____
- **1.40** noticeably (adv) /'nəʊtɪsəbli/ in a way that is easily seen or felt ● *The* weather is noticeably cooler than last week.
 > noticeable (adj), notice (v) ◆ ______
- 1.41 outperform (v) /,aʊtpə'fɔːm/ do better than sb/sth else • Despite its low price, my new laptop outperforms any other computer l've used. > outperformance (n)
- 1.42 variation (n) /,veəri'eı∫n/ a change in level or type • *In each region, there are different variations of traditional dishes.* > vary (n), variable (adj)
- **1.43** according to (prep) /ə'kɔːdɪŋ tə/ depending on ● *The jars were arranged on the shelves according to their size.* ◆ _____
- 1.44 Farsi (n) /'fɑːsiː/ the official language of Iran; modern Persian
 Although Shirin grew up in London, she still speaks Farsi with her Iranian relatives.
 - *_____

- 1.46 reflect (v) /rɪ'flekt/ show sth or be a sign of sth ● His tears reflected how upset and tired he was. > reflection (n) ◆ _____
- 1.47 demonstrate (v) /'demonstret/ show proof that sth is true ● The experiment demonstrates the effects of sleep.
 > demonstration (n)
- 1.48
 thorough (adj) /'θ∧rə/ careful and complete; with attention to detail

 • The police did a thorough search of the area.

 ◆
- 1.49 function (n) /ˈfʌŋkʃən/ what sth does; the purpose of sth
 One function of the human nose is to detect smell.
- 1.51 extend (v) /ɪk'stend/ make sth bigger or longer ● She extended her study to include more detailed results. > extension (n) ◆ _____
- **1.52** awareness (n) /ə'weənəs/ knowledge and understanding of something
 The group aims to raise people's awareness of cultural differences in the community.
 > aware (adj) ◆ _____
- **1.53 perspective** (n) /pə'spektıv/ point of view; attitude ● *The results have to be viewed from a cultural perspective.* ☆______
- 1.54 worthwhile (adj) /w₃:0'waɪl/ worth the time, effort or money spent on sth • If you want to do something worthwhile in your free time, why not learn another language? ❖ _____
- **1.55** industry (n) /'Indəstri/ the people and activities involved in a particular business ● *The UK's car industry declined as companies chose to manufacture vehicles abroad.* ◆ _____
- 1.56 essential (adj) /r'senʃl/ completely necessary ● Cookery skills are essential to becoming a chef. > essentially (adv) ◆ _____

- 1.58 impression (n) /ɪm'preʃn/ what you think sb/sth is like ● Wear smart clothes for your interview to make a good impression. ➤ impress (v), impressive (adj)
- 1.59 misunderstand (v) /,mis∧ndə'stænd/ not understand sth correctly • I misunderstood his phone message and went to the wrong address. > misunderstanding (n)
- **1.60** participate (v) /pɑː'tɪsɪpeɪt/ be involved in an activity ● How many local residents participated in the survey? > participation, participant (n)
- 1.61 economy (n) /ɪ'kɒnəmi/ the system of trading and making goods by which a particular country creates its income
 The country's economy has declined due to a decrease in tourism. > economic, economical (adj), economically (adv), economise (v)
- 1.62 express (v) /ɪks'pres/ show what you think or feel ● Mario can't express himself well in English. > expression (n), expressive (adj)
- **1.63** aware (of) (adj) /əˈwɛː(r) (bv)/ knowing about sth ● *There's a large warning* sign to make drivers aware of the pedestrian crossing ahead. ➤ awareness (n)
- 1.64 no longer (expr) /nəʊ 'loŋgə(r)/ not possible or true now; not any more
 The company communicates solely through the internet and no longer sends letters by post.

Vocabulary Page 8

- 1.65 detect (v) /dɪ'tekt/ find; notice ● The doctor detected a slight improvement in her patient's health. >> detection, detective (n) ◆ _____
- 1.67 colour blind (adj) /'k∧lə blaınd/ not able to see the difference between some or all colours • Paula is colour blind and can't see the difference between red and green.
 > colour-blindness (n)
- 1.68 identify (v) /ar'dentrfar/ find or recognise sb/sth • This app can identify any plant you want. Take a photo of the plant and click on 'info'. > identification (n), identity (n), identical (adj)

- 1.69 conclude (v) /kən'kluːd/ decide that sth is true after considering all the information ● After reading the findings, we concluded that the experiment had been a success. >> conclusion (n), conclusive (adj)
- **1.70** perceive (v) /pə'siːv/ see and understand ● People from different cultures perceive their surroundings differently.
 > perception (n), perceptive (adj)
 ♦ ______
- 1.71 sense (v) /sens/ feel and understand sth ● Dogs sense when someone is approaching long before a human notices anything. >> sense (n) .
- **1.72** furious (adj) /'fjʊəriəs/ very angry ● *Ivan was furious when he saw the damage to his new car.* ➤ fury (n)
- 1.74 eager (adj) /'iːɡə(r)/ keen, willing ● She was eager to meet her online friend face-to-face. ➤ eagerness (n), eagerly (adv) ❖ _____
- 1.75 ecstatic (adj) /ek'stætık/ extremely happy and excited ● He was ecstatic about going to the concert.
- emotional (adj) /ɪ'məʊʃənl/ related to feelings • He had a surprisingly emotional reaction when he saw the old photo and realised it was his grandfather.
 > emotion (n) ◆ _____
- **1.77** jealous (adj) /'dʒeləs/ angry or upset because sb else has sth you want ● He is a bit jealous of the attention that his parents give his baby brother.
 > jealousy (n) ♦ _____
- 1.78 compose (v) /kəm'pəʊz/ write a piece of music ● How old was Beethoven when he composed his first symphony? >> composer, composition (n)
- 1.79 tense (adj) /tens/ nervous and not able to relax ● He felt tense and couldn't sleep the night before his job interview. > tension (n), tensely (adv)

- 1.81 chatty (adj) /'tʃæti/ talkative; having a friendly, informal style
 She wrote me a long, chatty email with her news. > chat (n, v)
- 1.82 moody (adj) /'muːdi/ becoming sad or angry quickly for no obvious reason ● Why are you so moody today? Did something go wrong at school? > moodiness (n), moodily (adv)
- **1.84** outgoing (adj) /'aʊtgəʊɪŋ/ sb friendly who likes talking to new people
 He has an outgoing personality and is never shy.
- **1.85** pessimistic (adj) /pesr'mɪstɪk/ believing bad things will happen ● He is pessimistic about the future of the planet and says people will destroy it. > pessimism (n) ◆ ______ [®] Opp: optimistic
- 1.86 self-confident (adj) /self 'konfɪdənt/ sure of yourself ● She is a self-confident person and enjoys giving presentations in class. > self-confidence (n)

- **1.89** pick up on (phr v) /pīk '∧p ɒn/ notice and sometimes respond to sth
 When Sue wasn't as chatty as usual, I picked up on the fact that something was wrong.
- emotion (n) /r'məʊʃən/ a strong feeling like love, anger or sadness
 Everyone can see l'm upset. I can't hide my emotions when l'm stressed. ➤ emotional (adj)

Verbs

assist	outperform
compose	overwhelm
conclude	participate
conduct	perceive
demonstrate	practise
detect	prove
develop	range (from to)
express	reflect
extend	restrict
identify	reveal
interpret	sense
investigate	struggle
lead (to)	utilise
misunderstand	value

Grammar Page 9

- **1.91** webinar (n) / webina: (r)/ an online group meeting or presentation
 ● Please sign in to the class webinar at 9.30.
 ☆______
- 1.92 nest (n) /nest/ a structure that a bird or insect makes for its eggs ● There were four tiny parrot's eggs in the nest. > nest (v) ◆ _____
- 1.93 journal (n) /'dʒɜːnl/ a magazine related to a particular profession
 The results of the research were published in the science journal. > journalist, journalism (n)
 ☆______
- **1.94** a bit (expr) /ə bɪt/ a short time ● *I'm quite hungry, so I'll stop work* for lunch in a bit. ◆ _____
- 1.95 exhausted (adj) /ɪg'zɔːstɪd/ very tired ● The teacher was exhausted after a whole day of online lessons. >> exhaust (v), exhaustion (n) ☆ _____

Listening Page 10

- 1.97 irritated (adj) /'IrriteItId/ annoyed ● The teacher looked irritated when the students arrived late. > irritate (v), irritation (n), irritating (adj) ❖ _____

- **astonished** (adj) /əˈstɒnɪʃt/ very surprised ● Everyone looked astonished when I told them I was moving to Argentina.
 > astonishing (adj), astonish (v), astonishment (n) ◆ _____
- 1.100 delighted (adj) /dr'lartɪd/ very pleased or happy ● *Aunt Tracy seemed delighted to see me.* > delight (n), delightful (adj) ◆ _____
- 1.101 appreciative (adj) /ə'pri:ʃetɪv/ showing you are grateful ● *Irene was* appreciative of her family's support during her university course. ➤ appreciation (n), appreciate (v) ❖ _____
- 1.103 reaction (n) /ri'æk∫n/ how you feel or what you do because of sth that has happened ● My parents' reaction to my decision to leave home was quite positive. > react (v) .
- **1.105** take part (in) (expr) /teɪk pɑːt (ɪn)/ be involved in ● *Diana took part in a talent show and she won first prize.* ◆
- 1.106 adapt (v) /ə'dæpt/ change the way you do things because you are in a new situation ● Julio is quite selfconfident and found it easy to adapt to his new school. ◆ _____
- **1.107** adopt (v) /ə'dopt/ copy; start to use ● The new assistant adopted the bad habit of arriving late for work.
 > adoption (n) ◆ _____
- 1.108 on the whole (expr) /bn ðə həʊl/ in general ● He took some time to adapt to his new job, but on the whole, he's enjoying it.

Adjectives: feelings and personality

appreciative astonished chatty concerned convinced delighted eager ecstatic emotional furious irritated jealous moody optimistic outgoing pessimistic reluctant self-confident sensitive tense unconventional

Speaking Page 11

- 1.109 leisure (n) /'leʒə(r)/ time when you are not working ● *I don't have* much leisure time now because *I'm studying* for my exams. > leisurely (adj, adv)
- **1.110** take up (phr v) /teɪk ∧p/ start a sport or hobby ● Miguel bought a new video camera to take up vlogging.
 ◆ ______
- **1.111 be into** (expr) /bi: 'ɪntə/ like or enjoy (sth) ● *l'm not into sports, but I enjoy long walks in the park.* ◆
- **1.112** passionate (adj) /'p∞ʃənət/ liking sth very much; caring strongly about sth *He's a passionate supporter of human rights.*> passion (n), passionately (adv)
- 1.113 depend on sb/sth (v) /dr'pend pn 's∧mbədi 's∧mθıŋ/ be unsure because other things have to be considered ● Moving house depends on where he finds a job.
- 1.114 keep up with (phr v) /ki:p ∧p wið/ stay informed about sb/sth • l've got so many Instagram contacts that I can't keep up with all of them.

Grammar Page 12

- **1.117** currently (adv) /'kʌrəntli/ right now ● *They are currently giving talks in Japan.* ≻ current (adj) �_____
- 1.118 hummus (n) /'hʊməs/ a soft mixture of boiled chickpeas, sesame paste, lemon juice and garlic ● We had some hummus as a dip with carrots.
- 1.119 rehearsal (n) /rɪ'h3:sl/ a time when you practise a play, piece of music, etc. before performing in front of other people ● The band did a final rehearsal on Friday. > rehearse (v) ☆ _____
- 1.120 issue (n) /'I∫uː/ a magazine or newspaper printed for a particular day, week or month • Have you read my article in this month's issue of the school magazine? ➤ issue (v) ❖ _____

Use your English Page 13

- 1.122 doubt (n) /daʊt/ a feeling of not knowing for sure if sth is true or right ● *I have some doubts about whether to trust Tom. He's not very reliable.* > doubt (v), doubtful (adj)
- 1.123 dependent (on) (adj) /dr'pendənt (pn)/ affected or decided by (sth else) ● Our weekend camping plans are dependent on the weather. >> depend (v), dependence (n)
- 1.124 doubtful (about) (adj) /'daʊtfl (ə'baʊt)/ uncertain ● He was doubtful about his chances of winning the competition. > doubt (n, v), doubtfully (adv) ◆ _____

- 1.127 responsible (for) (adj) /rɪ'spɒnsəbl (fɔː)/ causing ● The bus driver was responsible for the accident as he didn't stop at the red light.
 > responsibility (n) ♦ _________
 > Opp: irresponsible

- 1.130 be over the moon (expr) /biː 'əʊvə ðə muːn/ be very happy ● She was over the moon when she heard that her team won. ◆ _____
- 1.131 be in two minds (expr) /bi: In tu: maIndz/ be undecided • I'm in two minds about whether to have a party at home as I don't fancy cleaning up afterwards.
- **1.132 be sick of** (expr) /biː 'sɪk əv/ be fed up with ● *I'm sick of hearing bad news. Let's get out and have fun!* ◆ _____

1.133 be on the ball (expr) /bix on ða boxl/ be quick to understand and ready to react • You need to be on the ball and focus on the questions during your interview. ٠. be a pain in the neck (expr) /bir ə pein 1.134 ın ðə nek/ be annoying • Having to get up so early is a pain in the neck. 💠 1.135 **be down-to-earth** (expr) /bix down tux $3x\theta$ / be practical and sensible • For sensible advice, I rely on Ken, who is very down-toearth. 💠 _ 1.136 sourness (n) /'saʊənəs/ a taste of sth sour, that's not sweet; the taste of food that has gone bad • He enjoys the sourness of homemade lemonade. \succ sour (adj, v) 🛠 _ 1.137 intensely (adv) /In'tensli/ strongly; to a great extent • Though I enjoyed the book, I disliked the film intensely. > intense (adj), intensity (n) \diamond _ 1.138 affect (v) /ə'fekt/ make a change to sb/sth • Strong coffee affects the senses and it may prevent sleep at night. 🛠 __ 1.139 dye (v) /daɪ/ use a substance to change the colour of sth • I told you not to dye your hair! Your natural colour looks much nicer. > dye (n) * 1.140 observe (v) /əb'z3xv/ watch sth closely • I observed the bird as it made its nest. > observation (n) * _ 1.141 bitter (adj) /'bɪtə(r)/ having a sharp strong taste • This fruit is too *bitter to eat.* > bitterness (n) \diamond ____ 1.142 salty (adj) /'sɔxlti/ containing a lot of salt • Too many salty snacks, like potato crisps, are bad for your *health.* > salt (n, v) \diamondsuit _ 1.143 nevertheless (adv) /,nevəðə'les/ however; but • I had prepared my research well. Nevertheless, the results were disappointing. 🗞 _ **Expressions** be a pain in the neck be mad about be down-to-earth be on the ball

be down-to-earth be in two minds be into be keen on be on the ball be over the moon be sick of

Writing Pages 14-15

- 1.144 recipient (n) /rɪ'sɪpɪənt/ a person who receives sth ● Write the name of the recipient at the top of the letter. > receive (v) ◆ _____
- 1.145 colloquial (adj) /kə'ləʊkwiəl/ particular way of speaking common to a group of people or an area ● Visitors to rural France often have problems understanding the colloquial language, which differs from that spoken in Paris. ➤ colloquialism (n)
- **1.146 development** (n) /dɪ'veləpmənt/ improvement ● *In recent years, there have been significant developments in medical science.* > develop (v) ◆ _____
- 1.147 choir (n) /kwaiə(r)/ a group of people who sing together
 The school choir sang at the local concert.
 ☆______
- **1.148** pop in (phr v) /ppp In/ make a short visit ● Could you pop in at the bakery and get some bread on the way home?
- **1.149** be keen on (expr) /bix kim bn/ like or be interested in ● He is very keen on physics and would like to become an engineer.
 ◆ ______
- 1.150 look into (phr v) /lʊk 'ɪntə/ study or try to find out sth ● Don't worry, I'll look into the problem. ❖_____
- **1.151** be bound to (expr) /bi: baond tə/ be very likely to ● *I'll make a pizza for my* friends. They're bound to enjoy it.
- **1.152** give it a go (expr) /gīv It ə gəʊ/ try doing sth ● *l'm not sure if I can learn to play the piano, but I'll give it a go.* ◆_____

Live well, study well

Page 16

- 1.153 react (v) /rr'ækt/ behave in a certain way towards sb/sth
 Police dogs are trained to react to certain smells and sounds. ➤ reaction (n), reactionary (adj) * ______
- 1.154 deal with (phr v) /di:l wið/ recognise sth like a difficult situation and remain in control of yourself in spite of it
 She couldn't deal with losing her job and felt depressed for a long time.
- 1.155 calm down (phr v) /kɑːm daʊn/ stop being angry or excited ● *Stop worrying and try to calm down.* ◆ _____
- 1.156 cheer (sb) up (phr v) /tʃɪə(r) ('sʌmbədi) ʌp/ make sb feel happier ● *The good news* cheered him up. ◆
- **1.157 balanced meal** (expr) /'bælənst 'mi:l/ a meal that is healthy because it contains the right foods in the right amounts ● You need to eat balanced meals containing enough vitamins and protein. ◆ _____
- **1.158** give up (phr v) /gɪv ∧p/ stop doing or having sth ● *The climb was difficult, but they didn't give up and reached the top in the end.* ◆ _____
- 1.159 practise (v) /'præktis/ do an activity ● She's been practising yoga for ten years. ♦ _____

- 1.160 meditation (n) /medɪ'teɪʃən/ emptying your mind of thoughts and feelings in order to relax completely ● Dorothy does meditation every night to clear her mind before going to sleep. >> meditate (v) \$
- 1.161 mindfulness (n) /'maindflnəs/ the state of full concentration on what you are thinking about and feeling at the present time
 Achieving mindfulness is used as a way to relax. ➤ mindful (adj) ❖ _____
- 1.162 moderate (adj) /'modərət/ average; not extreme ● *l only add a moderate amount of salt to food during cooking.* > moderation (n), moderately (adv), moderate (v) ◆ _____
- 1.163 pack up (phr v) /pæk ∧p/ put your things into bags, boxes, etc. to prepare for leaving a place • At the end of the course, he packed up and went back to his hometown. ❖ _____

Expressions and phrasal verbs

- calm down catch up cheer (sb) up deal with depend on (sb/sth) give it a go give up
- keep up with look into lose touch (with) pack up pick up on pop in take part in