

# Answer Key

**UNIT 1** Trying the Impossible**Warm-Up** (Sample answers)

- I don't think I have seen him before. Maybe he is a wealthy businessman. / Yes, I know he is Richard Branson. He is a very rich man.*
- I have heard about Virgin Galactic. It is trying to be the first travel company in outer space.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. f | 2. d  |
| 3. a | 4. i  |
| 5. j | 6. g  |
| 7. c | 8. b  |
| 9. e | 10. h |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. d | 2. a |
| 3. b | 4. c |
| 5. d |      |

**Vocabulary Review**

- |             |              |
|-------------|--------------|
| 1. motto    | 2. airline   |
| 3. deterred | 4. retiring  |
| 5. billion  | 6. intention |

**Words and Idioms**

- |            |                      |
|------------|----------------------|
| 1. go into | 2. out of this world |
|------------|----------------------|

**Grammar Focus**

- |                   |                      |
|-------------------|----------------------|
| 1. wealthiest     | 2. poorest           |
| 3. most difficult | 4. most inconvenient |

**Vocabulary Extension**

- |      |      |
|------|------|
| 1. b | 2. a |
| 3. c | 4. c |

**Strategy Focus****B**

- F
- T
- F

**UNIT 2** The Evolution of Money**Warm-Up** (Sample answers)

- I spend money on food.*
- I save money by putting some in the bank every month.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. i | 2. a  |
| 3. h | 4. f  |
| 5. e | 6. g  |
| 7. j | 8. c  |
| 9. d | 10. b |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. d |
| 3. a | 4. a |
| 5. a |      |

**Vocabulary Review**

- |                |               |
|----------------|---------------|
| 1. complicated | 2. evolved    |
| 3. fake        | 4. currencies |
| 5. bartered    | 6. solution   |

**Words and Idioms**

- |                  |                 |
|------------------|-----------------|
| 1. keep track of | 2. come up with |
|------------------|-----------------|

**Grammar Focus**

- a
- a
- b

**Vocabulary Extension**

- |            |                  |
|------------|------------------|
| 1. evolved | 2. public ledger |
| 3. online  | 4. complicated   |

**Strategy Focus****B**

- |      |      |
|------|------|
| a. 4 | b. 3 |
| c. 1 | d. 2 |

## UNIT 3 Taking Care of Waste

**Warm-Up** (Sample answers)

1. *I live in a city, but I think the food comes from farms on the edge of the where I live.*
2. *I heard that it is used as food for pigs.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. b | 2. e  |
| 3. h | 4. j  |
| 5. d | 6. c  |
| 7. a | 8. i  |
| 9. g | 10. f |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. d | 2. c |
| 3. b | 4. c |
| 5. b |      |

**Vocabulary Review****Across**

- |             |             |
|-------------|-------------|
| 4. movement | 5. broccoli |
| 6. tanks    | 7. buffet   |

**Down**

- |            |         |
|------------|---------|
| 1. compost | 2. peel |
| 3. garbage |         |

**Words and Idioms**

- |                |               |
|----------------|---------------|
| 1. cut down on | 2. throw away |
|----------------|---------------|

**Grammar Focus**

- |                 |                |
|-----------------|----------------|
| 1. feels, gives | 2. study, want |
| 3. rises, turn  | 4. go, has     |

**Vocabulary Extension**

- |      |      |
|------|------|
| 1. c | 2. d |
| 3. d |      |

**Strategy Focus****B**

- |      |      |
|------|------|
| a. 4 | b. 3 |
| c. 2 | d. 1 |

## UNIT 4 The Best Bet for a Longer Life

**Warm-Up** (Sample answers)

1. *I think they are about 80 years old.*
2. *It helps to go for a walk every day. People who eat lots of vegetables also live longer.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. j | 2. b  |
| 3. h | 4. a  |
| 5. c | 6. g  |
| 7. i | 8. f  |
| 9. d | 10. e |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. a | 2. b |
| 3. d | 4. b |
| 5. c |      |

**Vocabulary Review**

- |      |      |
|------|------|
| 1. T | 2. F |
| 3. T | 4. F |
| 5. F |      |

**Words and Idioms**

- |                |                          |
|----------------|--------------------------|
| 1. is light on | 2. is under . . . stress |
|----------------|--------------------------|

**Grammar Focus**

1. must
2. may/might/could
3. will

**Vocabulary Extension**

- |                |              |
|----------------|--------------|
| 1. traditional | 2. average   |
| 3. factor      | 4. longevity |

**Strategy Focus****B**

- 5
- 2
- 3

## UNIT 5 A Wild Show

**Warm-Up** (Sample answers)

1. Yes, I have. It was fun and exciting.
2. I think they might play pop music.

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. d | 2. g  |
| 3. i | 4. j  |
| 5. h | 6. e  |
| 7. c | 8. b  |
| 9. f | 10. a |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. d | 2. a |
| 3. d | 4. c |
| 5. b |      |

**Vocabulary Review**

- |            |                |
|------------|----------------|
| 1. puppet  | 2. flash drive |
| 3. flavors | 4. skull       |
| 5. pop     | 6. stereo      |

**Words and Idioms**

- |                    |           |
|--------------------|-----------|
| 1. push the limits | 2. put on |
|--------------------|-----------|

**Grammar Focus**

- |                  |                 |
|------------------|-----------------|
| 1. was believed  | 2. is/was known |
| 3. got . . . cut | 4. got broken   |

**Vocabulary Extension**

1. c
2. b
3. a

**Strategy Focus****B**

- a. 1 or 4
- b. 1
- c. 2

## UNIT 6 A New Start

**Warm-Up** (Sample answers)

1. Some people eat too much sugar or they drink too much alcohol.
2. I once joined a gym, but I don't really like to exercise. After a month, I stopped going.

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. f | 2. i  |
| 3. d | 4. h  |
| 5. g | 6. a  |
| 7. j | 8. c  |
| 9. b | 10. e |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. a |
| 3. b | 4. d |
| 5. b |      |

**Vocabulary Review**

- |      |      |
|------|------|
| 1. b | 2. c |
| 3. a | 4. d |
| 5. a |      |

**Words and Idioms**

- |              |            |
|--------------|------------|
| 1. works out | 2. gave up |
|--------------|------------|

**Grammar Focus**

1. If your loved ones had been supportive, it would have been easier.
2. You wouldn't have changed if you had believed your life was fine.
3. You would have felt much better if you had exercised every day.

**Vocabulary Extension**

- |                  |                |
|------------------|----------------|
| 1. strategy      | 2. supportive  |
| 3. cons          | 4. maintenance |
| 5. contemplation |                |

**Strategy Focus****B**

1. won't
2. difficult
3. other people

## UNIT 7 The Future of Space Travel

**Warm-Up** (Sample answers)

1. *I would go to Jupiter to see the big spot. I would also like to go to Venus to see the clouds.*
2. *I think it would cost a million dollars.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. h | 2. i  |
| 3. g | 4. d  |
| 5. c | 6. e  |
| 7. j | 8. b  |
| 9. f | 10. a |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. a |
| 3. d | 4. a |
| 5. d |      |

**Vocabulary Review**

- |      |      |
|------|------|
| 1. F | 2. T |
| 3. F | 4. F |
| 5. F | 6. T |

**Words and Idioms**

- |           |                |
|-----------|----------------|
| 1. so far | 2. outer space |
|-----------|----------------|

**Grammar Focus**

1. wish . . . weren't
2. wish . . . had arrived
3. wishes . . . could

**Vocabulary Extension**

1. b
2. a
3. c

**Strategy Focus****B**

- a. 3
- b. 4
- c. 1

## UNIT 8 Endangered Species

**Warm-Up** (Sample answers)

1. *This is a panda. It is usually found in China.*
2. *You normally see these animals in zoos. They are not found in nature very often.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. f | 2. d  |
| 3. j | 4. g  |
| 5. b | 6. h  |
| 7. c | 8. e  |
| 9. a | 10. i |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. a |
| 3. b | 4. d |
| 5. b |      |

**Vocabulary Review**

- |                |           |
|----------------|-----------|
| 1. sensitive   | 2. ingest |
| 3. park ranger | 4. shrink |
| 5. global      | 6. spill  |

**Words and Idioms**

- |                 |            |
|-----------------|------------|
| 1. do your part | 2. take up |
|-----------------|------------|

**Grammar Focus**

1. Justin has been studying since 7 p.m. last night.
2. Sally has been the tallest person in her family since she was 14 years old.
3. Paul and Rita have liked classical music since they first went to the symphony.

**Vocabulary Extension**

- |              |               |
|--------------|---------------|
| 1. reproduce | 2. endangered |
| 3. ingests   |               |

**Strategy Focus****B**

Animal: Amur leopard / Leatherback turtle / Mountain gorilla

Habitat: forests / sea / mountains

Country/Region where it is found: Russia / Indonesia / Africa

Problems: Only 30 left in the wild / People collect their eggs to eat / Only 800 left in the wild

**UNIT 9** Finding Clues in Nature**Warm-Up** (Sample answers)

1. *I think that this man is a detective.*
2. *They find clues and solve crimes.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. d | 2. g  |
| 3. b | 4. f  |
| 5. a | 6. e  |
| 7. i | 8. c  |
| 9. j | 10. h |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. a | 2. c |
| 3. c | 4. a |
| 5. b |      |

**Vocabulary Review**

- |                |                        |
|----------------|------------------------|
| 1. detective   | 2. fingerprint         |
| 3. microscopic | 4. investigation       |
| 5. clue        | 6. forensic entomology |

**Words and Idioms**

- |               |                   |
|---------------|-------------------|
| 1. belongs to | 2. was covered in |
|---------------|-------------------|

**Grammar Focus**

1. In the park were six deer.
2. Before English is chemistry class.
3. Tomorrow will be her 15th birthday.

**Vocabulary Extension**

- |      |      |
|------|------|
| 1. c | 2. b |
| 3. b | 4. a |

**Strategy Focus****B**

- |          |          |
|----------|----------|
| 1. Pupa  | 2. Adult |
| 3. Larva | 4. Egg   |

**UNIT 10** The Life and Death of Julius Caesar**Warm-Up** (Sample answers)

1. *He was the leader of Rome many years ago.*
2. *I think he was a serious man. He was probably strong, too.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. b | 2. h  |
| 3. f | 4. g  |
| 5. i | 6. j  |
| 7. d | 8. c  |
| 9. a | 10. e |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. b |
| 3. b | 4. a |
| 5. b |      |

**Vocabulary Review**

- |      |      |
|------|------|
| 1. a | 2. b |
| 3. c | 4. b |
| 5. d |      |

**Words and Idioms**

- |                         |                 |
|-------------------------|-----------------|
| 1. get along . . . with | 2. high-pitched |
|-------------------------|-----------------|

**Grammar Focus**

1. was going to meet
2. were going to get married
3. were going to go hiking.

**Vocabulary Extension**

- |             |               |
|-------------|---------------|
| 1. gruesome | 2. arrogant   |
| 3. assisted | 4. permission |
| 5. kidnap   |               |

**Strategy Focus****B**

- |            |      |
|------------|------|
| a. 1 and 3 | b. 4 |
| c. 1       | d. 2 |

**UNIT 11** A New Way of Learning**Warm-Up** (Sample answers)

1. *From the Internet, I learned that coconut oil is very healthy. It's good to eat and to put on your skin!*
2. *I have heard of online English classes.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. j | 2. e  |
| 3. d | 4. c  |
| 5. b | 6. h  |
| 7. g | 8. a  |
| 9. f | 10. i |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. a |
| 3. b | 4. b |
| 5. c |      |

**Vocabulary Review**

- |      |      |
|------|------|
| 1. T | 2. F |
| 3. F | 4. T |
| 5. F | 6. T |

**Words and Idioms**

- |             |             |
|-------------|-------------|
| 1. take off | 2. came out |
|-------------|-------------|

**Grammar Focus**

1. Helen Smith is our English teacher.
2. One good choice for a pet is a golden retriever.
3. Vegetables are an important part of a healthy diet.

**Vocabulary Extension**

- |      |      |
|------|------|
| 1. a | 2. a |
| 3. b | 4. d |

**Strategy Focus**

- B**
- a. a lot
  - b. loves
  - c. playing games

**UNIT 12** Criminal Art**Warm-Up** (Sample answers)

1. *Someone might paint on a building because they think it is exciting for them to do it without getting caught by the police.*
2. *I don't think it is art and I wouldn't like to see it on my apartment building. It would make it look dirty.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. d | 2. a  |
| 3. g | 4. b  |
| 5. j | 6. h  |
| 7. f | 8. i  |
| 9. c | 10. e |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. a |
| 3. b | 4. b |
| 5. a |      |

**Vocabulary Review**

- |      |      |
|------|------|
| 1. F | 2. T |
| 3. F | 4. F |
| 5. F | 6. T |

**Words and Idioms**

- |                |           |
|----------------|-----------|
| 1. make fun of | 2. copper |
|----------------|-----------|

**Grammar Focus**

1. will have cooked dinner
2. Banksy will have made \$40 million from his art
3. Tom will have scored 55 points

**Vocabulary Extension**

- |              |                 |
|--------------|-----------------|
| 1. means     | 2. graffiti     |
| 3. neatly    | 4. surveillance |
| 5. sculpture |                 |

**Strategy Focus**

- B**
- |      |      |
|------|------|
| a. 2 | b. 3 |
| c. 1 | d. 4 |

## UNIT 13 The World of Fandom

**Warm-Up** (Sample answers)

1. *They are wearing cool costumes.*
2. *I think they might be going to a party.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. e | 2. i  |
| 3. d | 4. f  |
| 5. a | 6. c  |
| 7. h | 8. j  |
| 9. b | 10. g |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. b | 2. c |
| 3. c | 4. b |
| 5. b |      |

**Vocabulary Review****Across**

- |               |              |
|---------------|--------------|
| 4. comic      | 5. autograph |
| 6. surrounded |              |

**Down**

- |              |             |
|--------------|-------------|
| 1. fictional | 2. upcoming |
| 3. trailer   |             |

**Words and Idioms**

- |             |                 |
|-------------|-----------------|
| 1. dress up | 2. get together |
|-------------|-----------------|

**Grammar Focus**

1. At 3:00, she is going to be taken to the airport (by a taxi).
2. In the future, many students will be taught online (by teachers).
3. Sometimes, attendees will be given special gifts (by companies).

**Vocabulary Extension**

- |      |      |
|------|------|
| 1. c | 2. c |
| 3. a |      |

**Strategy Focus****B**

- |      |      |
|------|------|
| a. 2 | b. 3 |
| c. 4 | d. 1 |

## UNIT 14 What Are You Like?

**Warm-Up** (Sample answers)

1. *Yes. I think old people are usually less easy-going than young people.*
2. *I think they are probably fun to be with.*

**Vocabulary Focus**

- |      |       |
|------|-------|
| 1. g | 2. j  |
| 3. f | 4. c  |
| 5. a | 6. i  |
| 7. h | 8. d  |
| 9. e | 10. b |

**Reading Comprehension**

- |      |      |
|------|------|
| 1. c | 2. b |
| 3. c | 4. d |
| 5. a |      |

**Vocabulary Review****Across**

- |                  |             |
|------------------|-------------|
| 1. conscientious | 6. teenager |
| 7. participant   |             |

**Down**

- |              |             |
|--------------|-------------|
| 2. influence | 3. outgoing |
| 4. trait     | 5. peak     |

**Words and Idioms**

- |                 |               |
|-----------------|---------------|
| 1. more or less | 2. figure out |
|-----------------|---------------|

**Grammar Focus**

- |                 |                     |
|-----------------|---------------------|
| 1. are, changes | 2. lives, does      |
| 3. eat, is      | 4. arrives, remains |

**Vocabulary Extension**

- |                      |             |
|----------------------|-------------|
| 1. conscientiousness | 2. further  |
| 3. questionnaire     | 4. grumpy   |
| 5. peak              | 6. Outgoing |

**Strategy Focus****B**

- |      |      |
|------|------|
| a. 3 | b. 1 |
| c. 2 | d. 4 |



## UNIT 15 Strange Sports

## Warm-Up (Sample answers)

1. *It looks he is going to hit a ball with a stick while he rides a bike.*
2. *Yes, I've been skiing. It can be dangerous if you fall.*

## Vocabulary Focus

- |      |       |
|------|-------|
| 1. b | 2. c  |
| 3. d | 4. i  |
| 5. j | 6. f  |
| 7. e | 8. h  |
| 9. a | 10. g |

## Reading Comprehension

- |      |      |
|------|------|
| 1. c | 2. d |
| 3. c | 4. b |
| 5. a |      |

## Vocabulary Review

## Across

- |              |            |
|--------------|------------|
| 2. ambulance | 4. steep   |
| 5. gather    | 6. snorkel |

## Down

- |            |          |
|------------|----------|
| 1. flipper | 3. chase |
|------------|----------|

## Words and Idioms

- |                |                |
|----------------|----------------|
| 1. before long | 2. were around |
|----------------|----------------|

## Grammar Focus

- |                     |                |
|---------------------|----------------|
| 1. gets to stay up  | 2. get writing |
| 3. get burnt/burned | 4. get to sit  |

## Vocabulary Extension

- |      |      |
|------|------|
| 1. c | 2. a |
| 3. b |      |

## Strategy Focus

## B

- |      |           |
|------|-----------|
| a. 2 | b. 1      |
| c. 4 | d. 2 or 3 |

## UNIT 16 The Future of Farming

## Warm-Up (Sample answers)

1. *No, I live in a big city, so there aren't any farms near my home.*
2. *I buy them in the store. They are not very fresh.*

## Vocabulary Focus

- |      |       |
|------|-------|
| 1. j | 2. c  |
| 3. a | 4. b  |
| 5. h | 6. g  |
| 7. d | 8. e  |
| 9. i | 10. f |

## Reading Comprehension

- |      |      |
|------|------|
| 1. c | 2. c |
| 3. c | 4. a |
| 5. a |      |

## Vocabulary Review

- |              |              |
|--------------|--------------|
| 1. magnitude | 2. decays    |
| 3. stack     | 4. efficient |
| 5. provided  | 6. harvested |

## Words and Idioms

- |            |                   |
|------------|-------------------|
| 1. way out | 2. get . . . back |
|------------|-------------------|

## Grammar Focus

1. Less exercise will give you less energy.
2. Few students failed the exam.
3. Fewer kinds of vegetables are grown here.
4. Sylvia spends little money on clothes.

## Vocabulary Extension

- |                |             |
|----------------|-------------|
| 1. storage     | 2. harvest  |
| 3. sustainable | 4. vertical |
| 5. sway        |             |

## Strategy Focus

## B

- |      |      |
|------|------|
| a. 2 | b. 1 |
| c. 4 | d. 3 |

