

Lesson 1

1A Understanding Meanings p. 3

(Possible answers; students' sentences may vary.)

- C
- An **obligatory** assignment is one that is required.
- C
- C
- A **vagabond** is a person who wanders from place to place.
- C
- C
- C
- A person's **visage** is that person's face.
- Destitution** is the state of lacking possessions.
- C
- A **detractor** is a person who speaks against the value of something.
- If something is **insuperable**, it is incapable of being overcome.
- A **maxim** is a general truth or short saying.
- C

1B Using Words p. 5

- a. **vagabond**
b. **vagabond**
- a. **beavails**
- a. **intermittent**
b. **intermittent**
c. **intermittent**
- a. **extol**
- a. **plumb**
c. **plumb**
- a. **destitute**
b. **destitute**
- a. **obligatory**
b. **obligatory**
c. **obligatory**
- Emancipate** fits in no sentence.

1C Word Study: Synonyms and Antonyms p. 6

- | | |
|----------------------------|---|
| 1. bewail – celebrate | A |
| 2. wealthy – destitute | A |
| 3. detract – enhance | A |
| 4. enslave – emancipate | A |
| 5. extol – praise | S |
| 6. shy – flamboyant | A |
| 7. coax – wheedle | S |
| 8. visage – face | S |
| 9. plumb – vertical | S |
| 10. voluntary – obligatory | A |

1D Images of Words p. 7

- | | |
|---------|---------|
| 1. c | 6. b, c |
| 2. a | 7. b |
| 3. b, c | 8. a, b |
| 4. a | 9. a, c |
| 5. a, b | 10. a |

1E Vocabulary in Context p. 8

(Possible answers; students' sentences may vary.)

- If they were around today, they would see that Mount Rushmore is **extolled** as one of America's most awe-inspiring monuments.
- They show only the **visages** of the four presidents.
- Because Borghum led a **vagabond** life before 1901, there probably was no record of where he was or what he was doing.
- "Small is beautiful" and "A penny saved is a penny earned" express views that he did not believe in.
- She worked for the emancipation of women by leading the struggle to gain them the right to vote.
- He was **destitute** when he died, leaving them nothing.
- He wanted Congress to provide money to complete the monument.
- The granite was so hard that it was difficult to shape the faces, and the work went on **intermittently** because there was not enough money.
- Borghum could tell whether a line was **plumb** just by looking at it.
- The passage says that Borghum accepted the invitation immediately; he did not need to be coaxed.
- Sample response: He had assisted his father throughout the project and probably would have wanted to complete the project for himself as well as for his father.

Lesson 2

2A Determining Precise Meaning p. 14

- | | |
|------|-------|
| 1. b | 9. a |
| 2. a | 10. b |
| 3. b | 11. b |
| 4. b | 12. b |
| 5. a | 13. a |
| 6. a | 14. b |
| 7. b | 15. a |
| 8. a | |

2B Understanding Word Relationships p. 15

- | | |
|------------|------------|
| 1. b, d | 6. a, c, d |
| 2. a, c, d | 7. a, b, d |
| 3. a, b, c | 8. b, c |
| 4. b, d | 9. a |
| 5. b, c, d | 10. d |

2C Word Study: Similar Meanings p. 17

- | | |
|--------------|------------|
| 1. — | 9. extol |
| 2. torrid | 10. zenith |
| 3. hot | 11. peak |
| 4. clever | 12. — |
| 5. ingenious | 13. visage |
| 6. — | 14. face |
| 7. — | 15. — |
| 8. praise | |

Spanish Lesson 14 Answer Key

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(and sons; ltd.)**

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web the control circuit is based on a cmos inverter ic1 type 40106 the motor is switched by a darlington with discrete components t1 t2 ic1a inverter operates as an oscillator whose duty cycle the t2 leads so the motor receives energy is determined by r2 c2 d3 gave the inactive signal oscillator when t2 is blocked is determined by r3 p1

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web three phase brushless dc 3 motor 2 brush dc motor 4 bipolar stepper motor basic principle an electric motor is a device converting electrical energy into mechanical energy generally a torque this conversion is usually obtained through the generation of a magnetic field by means of a current flowing into one or more coils electrical energy

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web the diagram below has two components the normally open temperature switch and the magnetic contactor the three normally closed contacts that represent the olr protection are connected in series with the motor coil and so can be treated as a single device in practice a motor starter often only has two external connection points and all internal

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web ically when voltage returns the control circuit is completed through the stop button and also a holding contact 2 3 on the starter when starter drops out this contact opens breaking the control circuit until the start button is pressed once again l3 t3 t

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