

Assessment Key

GRADES 3-5

Module 1.1: Intricacies of a Volleyball Court

1. No
2. B, D, E

Module 2.1: Geometry of a Volleyball Net

1. Parallel
2. Perpendicular
3. False

Module 3.1: Volleyball Properties

1. A, C, E
2. B

Module 4.1: Calculating Total Force

1. C
2. A, D

Module 5.1: Improving Serving

1. D
2. B, D, F, E, A, G, C
3. B

Module 6.1: Kinetic Energy and Speed

1. True
2. B

Module 7.1: Successful Serving

1. C
2. A, D

Module 8.1: Adaptive Technology

1. C, G, B, A, E, D, F
2. Answers will vary.
3. Answers will vary.

GRADES 6-8

Module 1.1 Intricacies of a Volleyball Court

1. B
2. D
3. B

Module 2.1: Communication and Drills

1. T
2. Answers will vary: Documentation for repeatable experiments to ensure all variables are controlled and to ensure safety and all supplies are available.
3. B
4. Answers will vary: Step by step in order and specific for each person.

Module 3.1: Volleyball Properties

1. E
2. A
3. T

Module 4.1: Calculating Total Force

1. B
2. A

Module 5.1: Improving Serving

1. B
2. B, D, F, E, A, G, C

Module 6.1: Kinetic Energy and Speed

1. B
2. C
3. B

Module 7.1: Successful Serving

1. B
2. D
3. Torque

Module 8.1: Adaptive Technology

1. A
2. C, G, B, A, E, D, F