**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit 3 Energy, Work and Power – Test Reflection**

*Using your test answer sheet,* ***shade in the box below that corresponds to each answer you got RIGHT.*** *Then complete the target with how close you were in mastering the concept and write a sentence about where you are in your understanding.*

**Test Score:\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Planning to retake: \_\_\_ Yes \_\_\_ No**

**Retake Score:\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Objective: Potential and Kinetic Energy**

*Learning Target: I can define and give examples of potential and kinetic energy.*

*Learning Target: I can solve equations for potential and kinetic energy.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 8 | 17 | 18 | 19 | 20 | 21 | 22 | 33 | 34 | 41 | 42 | 43 |

**Self Reflection: Potential and Kinetic Energy**

**Did you hit the target? Why or why not? Right On 11-13 Correct  
 Close 8-10 Correct  
 Way Off 7 or Less Correct**

**Objective: Thermodynamics**

*Learning Target: I can distinguish between temperature and heat.*

*Learning Target: I can describe the three ways heat moves and describe the role of conductors/insulators.*

*Learning Target: I can explain and apply the law of conservation of energy.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 24 | 25 | 30 | 31 | 32 | 35 | 36 | 37 | 38 | 39 |

**Self Reflection : Thermodynamics   
Did you hit the target? Why or why not? Right On 10-11 Correct  
 Close 7-9 Correct  
 Way Off 6 or less Correct**

**Objective: Simple Machines – Define/Identify**

*Learning Target: I can define and identify simple machines (lever, pulley, wheel and axle, and incline plane)*

*Learning Target: I can identify examples of simple machines in everyday life.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 7 | 9 | 10 | 12 | 14 | 29 |

**Self Reflection : Simple Machines – Define/Identify**

**Did you hit the target? Why or why not? Right On 6 Correct**  **Close 4-5 Correct  
 Way Off 3 or less Correct**

**Objective: Simple Machines – Mechanical Advantage**

*Learning Target: I can find the mechanical advantage given pictures or word problems for levers, pulleys. Incline planes and wheel and axles.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 11 | 27 | 28 | 47 | 48 | 49 | 50 |

**Self Reflection : Simple Machines – Mechanical Advantage**

**Did you hit the target? Why or why not? Right On 7-8 Correct  
 Close 5-6 Correct  
 Way Off 4 or less Correct**

**Objective: Machine Efficiency**

*Learning Target: I can define input, output and efficiency in relation to simple machines.*

*Learning Target: I can solve the equation output/inputx100 to find efficiency.*

|  |  |  |
| --- | --- | --- |
| 13 | 26 | 40 |

**Self Reflection: Machine Efficiency**

**Did you hit the target? Why or why not? Right On 3 Correct  
 Close 2 Correct  
 Way Off 1 or less Correct  
Objective: Work**

*Learning Target: I can define, identify the units and solve equations for work.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 2 | 3 | 5 | 16 | 44 |

**Self Reflection : Work**

**Did you hit the target? Why or why not? Right On 4 Correct  
 Close 3 Correct  
 Way Off 2 or less Correct**

**Objective: Power**

*Learning Target: I can define, identify the units and solve equations for power.*

|  |  |  |  |
| --- | --- | --- | --- |
| 6 | 15 | 45 | 46 |

**Self Reflection: Calculating – Power**

**Did you hit the target? Why or why not? Right On 4 Correct  
 Close 3 Correct  
 Way Off 2 or less Correct**