

## Set 1: Energy Fundamentals

|  |     |
|--|-----|
| <b>Lesson Plan: <i>Forces and Motion</i></b> _____             | 1.1 |
| Worksheet: <i>Find Push and Pull Forces at Home</i>            |     |
| Answer Key   |     |
| <b>Lesson Plan: <i>Newton's First Law of Motion</i></b> _____  | 1.2 |
| Worksheet: <i>Inertia</i>                                      |     |
| Answer Key   |     |
| <b>Lesson Plan: <i>Newton's Second Law of Motion</i></b> _____ | 1.3 |
| Worksheet: <i>Acceleration</i>                                 |     |
| Answer Key   |     |
| <b>Lesson Plan: <i>Newton's Third Law of Motion</i></b> _____  | 1.4 |
| <b>Lesson Plan: <i>Work-Energy Relationships</i></b> _____     | 1.5 |
| Worksheet: <i>Potential vs. Kinetic Energy</i>                 |     |
| Answer Key   |     |
| <b>Lesson Plan: <i>Simple and Compound Machines</i></b> _____  | 1.6 |
| Worksheet: <i>How Does Energy Work?</i>                        |     |
| Answer Key   |     |

---