







| | Bloom's Level | Key Verbs (keywords) | Student Products | Example Learning Outcome |
|-----------------------------------|--|--|--|---|
| ACTIVE LEARNING |  Create Generate new ideas, products, or ways of viewing things | Designing Constructing Planning Producing Inventing Devising Making | Film Story Project Plan Painting New Game Song Media Product Advertisement | Students will be able to design an original homework problem dealing with the principle of conservation of energy. |
| |  Evaluate Justifying a decision or course of action | Checking Hypothesizing Critiquing Experimenting Judging Testing Detecting Monitoring | Debate Panel Report Evaluation Speech Investigation Verdict Conclusion | Students will be able to determine whether using conservation of energy or conservation of momentum would be more appropriate for solving a dynamics problem. |
| |  Analyze Breaking information into parts to explore understandings and relationships | Comparing Organizing Deconstructing Attributing Outlining Structuring Integrating Separating | Survey Database Abstract Report Spreadsheet Checklist Chart Outline | Students will be able to differentiate between potential and kinetic energy. |
| |  Apply Using information in another familiar situation | Implementing Solving Carrying Out Collecting Using Showing Executing Producing | Illustration Simulation Sculpture Demonstration Presentation Interview Performance Diary Journal | Students will be able to calculate the kinetic energy of a projectile. |
| ACTIVE OR PASSIVE LEARNING |  Understand Explaining ideas or concepts | Interpreting Exemplifying Summarizing Inferring Classifying Comparing Explaining Paraphrasing | Recitation Summary Collection Explanation Show and Tell Example Quiz List Label Outline | Students will be able to explain Newton's three laws of motion in her/his own words. |
| |  Remember Recall or recognition of specific information | Recognizing Listing Describing Identifying Retrieving Naming Locating Finding | Quiz Definition Fact Worksheet Test Label List Workbook Reproduction | Students will be able to define Newton's three laws of motion. |