

### Examples of Standards as Lesson Plan Objectives

National Standards	Common Core Standards	Example of Standards as Lesson Plan Objectives
<ul style="list-style-type: none"> <li>• National Council of Teachers of Mathematics-Algebra               <ul style="list-style-type: none"> <li>○ Using mathematical models to represent and understand quantitative relationships</li> </ul> </li> </ul>	Student models problem situations with objects and uses representations such as graphs, tables, and equations to draw conclusions.	Grade 3: Students will determine how many packages each of 18 napkins, 10 plates, 5 cups, and 2 cupcakes they will need to purchase in order to serve a group of 33 guests.
<ul style="list-style-type: none"> <li>• National Standards for History-World History 5-12               <ul style="list-style-type: none"> <li>○ Understanding the search for community, stability, and peace in an interdependent world</li> </ul> </li> </ul>	Student understand how population explosion and environmental change have altered conditions of life around the world.	Grade 11: Students will compare the negative population growth in Russia with the burgeoning population growth in Mexico and draw conclusions about the economic and social development in the two countries.
<ul style="list-style-type: none"> <li>• National Standards for Art Education-Visual Arts 5-8               <ul style="list-style-type: none"> <li>○ Understanding and applying media techniques and processes</li> </ul> </li> </ul>	Student intentionally takes advantage of the qualities and characteristics of art media, techniques, and processes to enhance communication of his or her experiences and ideas.	Grade 5: Students will create original works of art by applying different media (salt, tissue, wrap) to watercolors.
<ul style="list-style-type: none"> <li>• National Council of Teacher of English –K-12               <ul style="list-style-type: none"> <li>○ Applying language skills</li> </ul> </li> </ul>	Student uses spoken, written, and visual language to accomplish his or her own purposes (e.g., for learning, enjoyment, persuasion, and the exchange of information).	Grade 4: Students will develop an infomercial on the causes and possible solutions for the dead zone at the mouth of the Mississippi River.
<ul style="list-style-type: none"> <li>• Science Content Standards-Physical Science 5-8               <ul style="list-style-type: none"> <li>○ Develop an understanding of                   <ul style="list-style-type: none"> <li>✓ Properties and changes of properties in matter,</li> <li>✓ Motions and forces, and</li> <li>✓ Transfer of energy</li> </ul> </li> </ul> </li> </ul>	Student observes and measures characteristic properties, such as boiling and melting points, solubility, and simple chemical changes of pure substances, and uses those properties to distinguish and separate one substance from another.	Grade 8: Students will describe the changes of states in relation to heat and temperature, and discover conditions for raising solubility if a solution.
<ul style="list-style-type: none"> <li>• U.S. National Geography Standards-K-12               <ul style="list-style-type: none"> <li>○ Places and Regions</li> </ul> </li> </ul>	Student recognizes places as human creations and understands the genesis, evolution, and meaning of places.	Grade 5: Students will produce a presentation of performance describing the unique features of their hometown to welcome visitors.
<ul style="list-style-type: none"> <li>• National Health Standards-Health Information, products, and services</li> </ul>	Student identifies characteristics of valid health information and health-promoting products and services.	Grade 3: Students will explain how media influences the selection of health information, products, and services.
<ul style="list-style-type: none"> <li>• National Educational technology Standards-K-12               <ul style="list-style-type: none"> <li>○ Technology problem-solving and decision making tools</li> </ul> </li> </ul>	Student uses technology resources for solving problems and making informed decisions.	Grade 8: Students will use evaluation criteria to locate sites on the internet that provide useful information and useless information on a predetermined topic.