

## Unit 1: Chemistry

Knowledge	<input type="checkbox"/> I know the definition of the following terms and can distinguish between them: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li><input type="radio"/> alkali metal</li> <li><input type="radio"/> alkaline earth metal</li> <li><input type="radio"/> atom</li> <li><input type="radio"/> atomic mass</li> <li><input type="radio"/> atomic number</li> <li><input type="radio"/> Bohr model</li> <li><input type="radio"/> Conductivity</li> <li><input type="radio"/> covalent</li> <li><input type="radio"/> compounds</li> <li><input type="radio"/> density</li> <li><input type="radio"/> electron</li> <li><input type="radio"/> element</li> <li><input type="radio"/> halogens</li> <li><input type="radio"/> ionic compounds</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> <li><input type="radio"/> mass</li> <li><input type="radio"/> melting/boiling point</li> <li><input type="radio"/> molecule</li> <li><input type="radio"/> multiple ion charge</li> <li><input type="radio"/> metal</li> <li><input type="radio"/> metalloid</li> <li><input type="radio"/> neutron</li> <li><input type="radio"/> noble gases</li> <li><input type="radio"/> non-metal</li> <li><input type="radio"/> polyatomic ions</li> <li><input type="radio"/> proton</li> <li><input type="radio"/> state</li> <li><input type="radio"/> subatomic particles</li> <li><input type="radio"/> volume</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li><input type="radio"/> alkali metal</li> <li><input type="radio"/> alkaline earth metal</li> <li><input type="radio"/> atom</li> <li><input type="radio"/> atomic mass</li> <li><input type="radio"/> atomic number</li> <li><input type="radio"/> Bohr model</li> <li><input type="radio"/> Conductivity</li> <li><input type="radio"/> covalent</li> <li><input type="radio"/> compounds</li> <li><input type="radio"/> density</li> <li><input type="radio"/> electron</li> <li><input type="radio"/> element</li> <li><input type="radio"/> halogens</li> <li><input type="radio"/> ionic compounds</li> </ul>	<ul style="list-style-type: none"> <li><input type="radio"/> mass</li> <li><input type="radio"/> melting/boiling point</li> <li><input type="radio"/> molecule</li> <li><input type="radio"/> multiple ion charge</li> <li><input type="radio"/> metal</li> <li><input type="radio"/> metalloid</li> <li><input type="radio"/> neutron</li> <li><input type="radio"/> noble gases</li> <li><input type="radio"/> non-metal</li> <li><input type="radio"/> polyatomic ions</li> <li><input type="radio"/> proton</li> <li><input type="radio"/> state</li> <li><input type="radio"/> subatomic particles</li> <li><input type="radio"/> volume</li> </ul>
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Reasoning	<input type="checkbox"/> I can describe and distinguish between the properties and states of matter  <input type="checkbox"/> I can describe and give examples of chemical and physical change  <input type="checkbox"/> I can read and understand the periodic table in order to classify and make general comparisons about elements  <input type="checkbox"/> I can describe and identify the structures and components of atoms and molecules  <input type="checkbox"/> Using words and/or symbols I can create and name chemical formulae for simple ionic compounds		
Skills	<input type="checkbox"/> I can draw and label Bohr diagrams  <input type="checkbox"/> I can understand and use the common ion chart to create and name simple ionic compounds		