

**WORK DESCRIPTION for Competency Portfolio in
High School Science and Technology/Engineering
CHEMISTRY**

(Attach one WORK DESCRIPTION to each piece in the portfolio.)

Student's
Name:

Date work was
produced:

Attach one WORK DESCRIPTION to each work sample or collection of related work samples in the portfolio. Be sure to include:

- A clear description of the activity, a summary of the student's observations, an explanation or analysis of findings, and conclusion(s). Drafts may also be included.
- Evidence of the student's own thinking and problem solving. Show all work.
- A score (% accurate) for each piece of student work.
- Work samples produced as independently as possible by the student, with all corrections clearly marked, and a description of the assistance given to the student. The level of independence must be indicated below. Work may not be corrected by the teacher and submitted as the student's own work.

All topics in this discipline must be addressed in the portfolio. At least ten standards in all must be documented.

Please indicate the science topic(s) and learning standard(s) documented in the attached work sample(s):

<input type="checkbox"/>	Properties of Matter	<input type="checkbox"/>	1.1	<input type="checkbox"/>	1.2	<input type="checkbox"/>	1.3								
<input type="checkbox"/>	Atomic Structure and Nuclear Chemistry	<input type="checkbox"/>	2.1	<input type="checkbox"/>	2.2	<input type="checkbox"/>	2.3	<input type="checkbox"/>	2.4	<input type="checkbox"/>	2.5	<input type="checkbox"/>	2.6	<input type="checkbox"/>	2.7
<input type="checkbox"/>	Periodicity	<input type="checkbox"/>	3.1	<input type="checkbox"/>	3.2	<input type="checkbox"/>	3.3	<input type="checkbox"/>	3.4						
<input type="checkbox"/>	Chemical Bonding	<input type="checkbox"/>	4.1	<input type="checkbox"/>	4.2	<input type="checkbox"/>	4.3	<input type="checkbox"/>	4.4	<input type="checkbox"/>	4.5	<input type="checkbox"/>	4.6		
<input type="checkbox"/>	Chemical Reactions and Stoichiometry	<input type="checkbox"/>	5.1	<input type="checkbox"/>	5.2	<input type="checkbox"/>	5.3	<input type="checkbox"/>	5.4	<input type="checkbox"/>	5.5	<input type="checkbox"/>	5.6		
<input type="checkbox"/>	States of Matter, Kinetic Molecular Theory, and Thermochemistry	<input type="checkbox"/>	6.1	<input type="checkbox"/>	6.2	<input type="checkbox"/>	6.3	<input type="checkbox"/>	6.4	<input type="checkbox"/>	6.5				
<input type="checkbox"/>	Solutions, Rates of Reaction, and Equilibrium	<input type="checkbox"/>	7.1	<input type="checkbox"/>	7.2	<input type="checkbox"/>	7.3	<input type="checkbox"/>	7.4	<input type="checkbox"/>	7.5	<input type="checkbox"/>	7.6		
<input type="checkbox"/>	Acids and Bases and Oxidation-Reduction Reactions	<input type="checkbox"/>	8.1	<input type="checkbox"/>	8.2	<input type="checkbox"/>	8.3	<input type="checkbox"/>	8.4						

ON THE ATTACHED PIECE OF STUDENT WORK:

What score did the student receive? (Level of Accuracy = _____ %)

How much was done independently by the student? (Level of Independence = _____ %)

What type and how much assistance, coaching, and prompting did the student receive on the attached piece?

What was the student asked to do in order to complete the attached work (i.e., what was the assignment)?

Self-evaluation (optional) - continue on back, if needed: