



**Assessment Log 2008-9**

Student Name:	Pathway	Access to Nursing and Healthcare Professions	OCN learner number: (if known)
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**UNIT CODE: RD53WE002**

**UNIT TITLE: Acids and Bases**

**LEVEL: 3**

**CREDIT VALUE: 3**

Learning Outcomes:	Assessment Criteria:	Method/s of Assessment	Evidence	Assessment complete
<p><i>The learner should be able to:</i></p> <p>1 Review the properties of acids and bases.</p>	<p><i>The learner has achieved this outcome because he/she can:</i></p> <p>1.1 Investigate practically the properties of acids and bases.</p> <p>1.2 Produce a range of salts by</p> <p>a) Titration</p> <p>b) Precipitation</p>	<p>Practical</p> <p>Practical</p>	<p>Report Experiment 9 Investigate Properties of acids and bases</p> <p>Report Experiment 10 Prep of sodium chloride</p> <p>Report Experiment 11 Prep of Insoluble Salts</p>	

	<p>c) solid plus acid</p> <p>1.3 Describe the concept of the pH scale.</p> <p>1.4 Discuss the uses of acid/base indicators.</p> <p>1.5 Identify examples of buffer solutions and their practical uses.</p>	<p>Assignment</p> <p>Assignment</p> <p>Assignment</p>	<p>Report Experiment 12 Prep of Copper Sulphate</p> <p>Assignment</p> <p>Assignment</p> <p>Assignment</p>	
<p>2 Understand the nature of acids</p>	<p>2.1 Experimentally investigate the reaction of a range of metals and non-metals with oxygen.</p> <p>2.2 Site examples of acidic, basic and neutral oxides.</p> <p>2.3 Briefly discuss the effect of releasing gaseous acids into the atmosphere as a result of modern lifestyles.</p>	<p>Practical</p> <p>Practical</p> <p>Assignment</p>	<p>Report Experiment 13 Burning Elements in Oxygen</p> <p>Report Experiment 13 Assignment</p>	
<p>3. Appreciate the differing strengths of acids/bases.</p>	<p>3.1 Discuss the factors that affect the ionisation of substances in solutions.</p>	<p>Written questions</p>	<p>Ionisation questions</p>	

Confirmed by

Learner:		Date:	
Tutor:		Date:	
Internal Verifier:		Date:	
External Moderator: <i>(if sampled)</i>			

Staff Overall Comment

Staff Signature

Student Overall Comment

Student Signature

