

Nursing Numeracy – Level 1

	Level 1 – students research at the level of a closed enquiry and require some structure / guidance	Golbeck et al (2005) aspects of Basic Numeracy (no manipulation or calculation) and Computational Numeracy (simple manipulation in a health context)
Students embark on inquiry and so determine a need for knowledge / understanding	Responds to questions / tasks arising explicitly from a closed inquiry	<input type="checkbox"/> Completes diagnostic test early in orientation week <div style="text-align: right;">1</div>
Students find / generate needed informational data using appropriate methodology	Collect and record required information/ data using a prescribed methodology from prescribed sources in which the information / data is clearly evident	1. Identify texts relevant to drug calculations 2. Identifies websites assisting with basic mathematics 3. <div style="text-align: right;">4</div>
Students critically evaluate informational data and the process to find / generate this information / data	Evaluate information / data and the inquiry process using simple prescribed criteria	<input type="checkbox"/> Students analyse the diagnostic using a set of descriptions supplied by tutor. <div style="text-align: right;">2</div>
Students organise information collected / generated	Organise information using a recommended structure and process	<input type="checkbox"/> Students complete numeracy skills audit <ul style="list-style-type: none"> ○ Addition ○ Subtraction ○ Multiplication ○ Division ○ Units of measure ○ Conversion ○ Calculator use <div style="text-align: right;">3</div>
Students synthesize and analyse and apply new knowledge	Synthesize and analyse information / data to reorganise existing knowledge in prescribed formats. Ask questions of clarification / curiosity.	<input type="checkbox"/> Students introduced to the typical format for drug orders <div style="text-align: right;">5</div>
Students communicate knowledge and the processes used to generate it, with an awareness of ethical social and cultural issues	Use mainly lay language and prescribed genre to demonstrate required knowledge and understanding for lecturer / teacher as the audience	<input type="checkbox"/> Students describe their understanding of the use of numeracy in nursing practice through critique of a journal article (supplied by tutor) <div style="text-align: right;">6</div>

