

# CRITICAL THINKING MATH RUBRUC

Assessment Category	Level 1	Level 2	Level 3	Level 4
<b>BACKGROUND KNOWLEDGE</b> -estimates and determines perimeter, area and volume -works flexibly with measurement unit conversions -identifies the relationships among units and measurable attributes -	<input type="checkbox"/> limited  <input type="checkbox"/> limited  <input type="checkbox"/> limited  <input type="checkbox"/> limited	<input type="checkbox"/> some  <input type="checkbox"/> some  <input type="checkbox"/> some  <input type="checkbox"/> some	<input type="checkbox"/> considerable  <input type="checkbox"/> considerable  <input type="checkbox"/> considerable  <input type="checkbox"/> considerable	<input type="checkbox"/> thorough  <input type="checkbox"/> thorough  <input type="checkbox"/> thorough  <input type="checkbox"/> thorough
<b>CRITICAL JUDGEMENT</b> -Selects, sequences and applies mathematical processes appropriate to the task -Uses critical thinking skills to solve a problem. -Makes inferences, draws conclusions and gives justifications	<input type="checkbox"/> limited  <input type="checkbox"/> limited  <input type="checkbox"/> limited	<input type="checkbox"/> some  <input type="checkbox"/> some  <input type="checkbox"/> some	<input type="checkbox"/> considerable  <input type="checkbox"/> considerable  <input type="checkbox"/> considerable	<input type="checkbox"/> high degree  <input type="checkbox"/> high degree  <input type="checkbox"/> high degree
<b>CRITICAL VOCABULARY</b> – explains mathematical thinking – communicates using a variety of modes (short answers, lengthy explanations, verbal and written reports) – uses appropriate vocabulary and terminology	<input type="checkbox"/> limited <input type="checkbox"/> limited  <input type="checkbox"/> limited	<input type="checkbox"/> some <input type="checkbox"/> some  <input type="checkbox"/> some	<input type="checkbox"/> considerable <input type="checkbox"/> considerable  <input type="checkbox"/> considerable	<input type="checkbox"/> high degree <input type="checkbox"/> high degree  <input type="checkbox"/> high degree
<b>CRITICAL STRATEGIES</b> -Selects and uses tools and strategies to solve a problem. -Makes connections among mathematical concepts and procedures. -Relates mathematical ideas to situations drawn from other contexts	<input type="checkbox"/> limited  <input type="checkbox"/> limited  <input type="checkbox"/> limited	<input type="checkbox"/> some  <input type="checkbox"/> some  <input type="checkbox"/> some	<input type="checkbox"/> considerable  <input type="checkbox"/> considerable  <input type="checkbox"/> considerable	<input type="checkbox"/> high degree  <input type="checkbox"/> high degree  <input type="checkbox"/> high degree

**FEEDBACK:**