

Rubric

Assessment category	Level 1	Level 2	Level 3	Level 4
Knowledge and understanding <ul style="list-style-type: none"> estimates and determines elapsed time uses and understands the relationships among minutes, hours, days, weeks, months, years, decades, and centuries identifies linear patterns and non-linear patterns constructs tables, graphs, and diagrams 	<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
Thinking <ul style="list-style-type: none"> creates a plan of action for exploring Fermi questions identifies and uses patterns in problem solving makes predictions for pattern growth in time lines and Fermi questions explores alternative solutions 	<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"/> high degree <input type="checkbox"/> high degree <input type="checkbox"/> high degree <input type="checkbox"/> high degree
Communication <ul style="list-style-type: none"> 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
Application <ul style="list-style-type: none"> applies measurement skills in familiar contexts transfers knowledge and skills to new contexts makes connections among concepts 	<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