

Writing Rubric 20 points possible

TMATH 308

Criteria	4 Points	3 Points	2 Points	1 Point
Information about Problem & Mathematical Process	<ul style="list-style-type: none"> <li>*well developed</li> <li>*thoroughly explains the problem/process</li> <li>*process clearly presented with lots of mathematical examples &amp; reasoning</li> <li>note: this doesn't mean proof</li> </ul>	<ul style="list-style-type: none"> <li>*fairly well developed</li> <li>*informs the reader of problem/process</li> <li>*process clearly presented with mathematical support</li> </ul>	<ul style="list-style-type: none"> <li>*little development</li> <li>*minimal information about problem/process</li> <li>*process not clearly presented and has little mathematical support</li> </ul>	<ul style="list-style-type: none"> <li>*little written</li> <li>*confusing or inaccurate</li> </ul>
Mathematical Details	<ul style="list-style-type: none"> <li>*proper mathematical reasoning employed &amp; explained</li> <li>*key steps shown with an appropriate level of detail</li> <li>*lots of mathematical terminology correctly used</li> </ul>	<ul style="list-style-type: none"> <li>*some specific mathematical details that adequately explain</li> <li>*most key steps are included with a few unnecessary computations</li> <li>*mathematical terminology used correctly</li> </ul>	<ul style="list-style-type: none"> <li>*either wrong or irrelevant details given</li> <li>*too many explicit and confusing computations &amp; steps provided</li> <li>*some mathematical terminology, but not used correctly</li> </ul>	<ul style="list-style-type: none"> <li>*no details given</li> <li>*no mathematical terminology</li> </ul>
Writing Organization & Style	<ul style="list-style-type: none"> <li>*clearly organized throughout</li> <li>*clearly guides the reader through the process using words such as "first", "recall"</li> <li>*both english &amp; mathematics are grammatically correct</li> </ul>	<ul style="list-style-type: none"> <li>*organized most of the way through</li> <li>*usually guides the reader through the process</li> <li>*most of the english &amp; math grammar is correct</li> </ul>	<ul style="list-style-type: none"> <li>*little organization</li> <li>*often does not guide the reader</li> </ul>	<ul style="list-style-type: none"> <li>*no organization evident</li> <li>*does not guide the reader</li> </ul>
Grammar	<ul style="list-style-type: none"> <li>*complete bibliography correctly formatted with reputable sources</li> <li>*references appropriately made throughout the paper</li> <li>*abstract is clear, concise, and less than 100 words</li> <li>*name &amp; reference figures, tables and equations</li> <li>*all paper specifications are thoroughly satisfied</li> </ul>	<ul style="list-style-type: none"> <li>*bibliography included with appropriate sources but not correct formatting</li> <li>*sources referenced</li> <li>*abstract is clear but does not accurately represent the paper</li> <li>*many references to tables, figures, etc were understandable</li> <li>*paper specifications met</li> </ul>	<ul style="list-style-type: none"> <li>*bibliography includes sources that are not appropriate</li> <li>*sparse references without proper APA or IEEE format</li> <li>*abstract is not clear &amp; does not represent the paper</li> <li>*internal references made in the paper to tables, etc</li> <li>*most paper specifications are met</li> </ul>	<ul style="list-style-type: none"> <li>*bad grammar hinders the reader</li> <li>*bibliography not included</li> <li>*no sources are references in the text</li> <li>*abstract is poorly written and does not accurately represent the paper</li> <li>*tables, equations, figures, or paragraph formatting was confusing</li> <li>*not all paper specifications were met</li> </ul>
Completeness, Citations & Form				

Portfolio Rubric 10 points possible

Criteria	5 Points	4 Points	3 Points	2 Points	1 Point
Group Activity	<ul style="list-style-type: none"> <li>*has one complete activity log for group</li> <li>*each member regularly updated with a significant contribution</li> <li>*peer reviewers were all thorough &amp; good</li> </ul>	<ul style="list-style-type: none"> <li>*all group members updated the log but vague descriptions</li> <li>*each peer review gave good feedback</li> </ul>	<ul style="list-style-type: none"> <li>*has multiple activity logs from everyone</li> <li>*some members regularly updated with significant &amp; clear contributions</li> <li>*each member gave feedback</li> </ul>	<ul style="list-style-type: none"> <li>*multiple activity logs submitted with chaotic timelines</li> <li>*one group member has no recorded contributions</li> <li>*a peer review was inappropriate</li> </ul>	<ul style="list-style-type: none"> <li>*no activity log was submitted</li> <li>*peer reviews missing or misguided</li> </ul>
Completeness	<ul style="list-style-type: none"> <li>*has all freewrites</li> <li>*responds to all criticisms thoughtfully</li> <li>*final paper appropriately reacted to feedback</li> </ul>	<ul style="list-style-type: none"> <li>*responds to most criticisms</li> <li>*final paper did not appropriately react to feedback</li> </ul>	<ul style="list-style-type: none"> <li>*has freewrites from most group members</li> <li>*fails to respond to a reasonable criticism</li> <li>*final paper ignores most the peer feedback</li> </ul>	<ul style="list-style-type: none"> <li>*has freewrites from some group members</li> <li>*does not respond to several criticisms</li> <li>*final paper ignores all the feedback provided</li> </ul>	<ul style="list-style-type: none"> <li>*no freewrites submitted</li> <li>*no response to peer feedback provided</li> <li>*there is no change between the peer draft and the final paper</li> </ul>

Presentation Rubric 10 points possible

Criteria	5 Points	4 Points	3 Points	2 Points	1 Point
Clarity & accuracy	<ul style="list-style-type: none"> <li>*an introduction and example are presented clearly</li> <li>*members answer questions thoroughly, clearly, and correctly</li> </ul>	<ul style="list-style-type: none"> <li>*an introduction and example are given</li> <li>*members answer questions clearly &amp; correctly</li> </ul>	<ul style="list-style-type: none"> <li>*an introduction or example is given</li> <li>*members answer questions correctly</li> </ul>	<ul style="list-style-type: none"> <li>*a poor introduction or example is given</li> <li>*members may not answer all questions correctly</li> </ul>	<ul style="list-style-type: none"> <li>*no introduction or example is given</li> <li>*members can not answer most questions correctly</li> </ul>
Presentation	<ul style="list-style-type: none"> <li>*material on visual aide is well presented</li> <li>*use well chosen examples &amp; wording complete</li> <li>presentation in 13min</li> </ul>	<ul style="list-style-type: none"> <li>*visual aide can be easily read</li> <li>*use well chosen examples or wording</li> </ul>	<ul style="list-style-type: none"> <li>*visual aide is readable</li> <li>*presentation runs less than 2 min long/ends in 5 min</li> </ul>	<ul style="list-style-type: none"> <li>*visual aide was not well made</li> <li>*not all members spoke</li> </ul>	<ul style="list-style-type: none"> <li>*visual aide is confusing</li> <li>*presenters use confusing language</li> <li>*presentation runs over 2 min overtime</li> </ul>

Sheet2

Adapted from a rubric developed by Joanne Clarke, Charles Cooper, Nina Heal, and Dan MacLead at Kent County Public Schools