Grade 5 Project : Problem Solving Table

Name:

	Criteria	Performance			Weight	Comments
1	Follow the instructions to complete the elimination table for the race problem.	The table is set up correctly. Instructions were followed and logic applied to make the required eliminations. The solution is correct. _10_ 9	The table is set up correctly and guidance was followed to make most eliminations correctly. The final solution is not correct. 8 _7_ 6	There are errors in the set up of the table and in the elimination entries. 5 4 3 2 1 _0_	1	
2	Set up a table with appropriate labels to model the locker problem. Use the information given to show what is NOT possible. Check that the eliminations are logical.	The elimination table is evidence of sound reasoning. It shows that facts were tracked and possible scenarios eliminated. _10_ 9	The elimination table shows that facts were tracked and possibilities were narrowed. Some errors in reasoning are evident. 8 _7_ 6	The table shows some facts recorded but little evidence of the deductions required to narrow possibilities. 5 4 3 2 1 _0_	4	
3	Complete the process to arrive at a solution. Type the letter Y in appropriate cells of the table to show the locker used by each student.	The solution is correct. _10_ 9	The majority of eliminations are correct. 8 _7_ 6	The solution is not correct. 5 4 3 2 1 _0_	2	
4	Extend the table and determine the positions of the new students' lockers.	The new solution is correct. _10_ 9	The majority of the new eliminations are correct. 8 _7_ 6	The new solution is not correct. 5 4 3 2 1 _0_	2	
5	Write a report to explain the problem solving process. Check that the report is well organized and that you have clearly stated your reasoning and solution(s).	A complete and well-organized report documents what was known, what was deduced and explains the solution. _10_ 9	The report documents the problem solving process undertaken. Reasoning or explanation is unclear in places. 8 _7_ 6	The report is incomplete. It does not document a coherent problem solving process. 5 4 3 2 1 _0_	4	

Technology Literacy Assessment: / 100%