

Rubric for Analysis and Requirements

Target skills: x,y,z

	Trait	Unacceptable (0)	Acceptable (1)	Good (2)	Excellent (3)	Comments	Grade
1	Understanding the Problem	Needs a complete explanation of the problem before getting started	Needs some clarification from others to understand the problem	Understands (can explain) the problem and proceeds to the next step	Understands the problem and relates it to other situations in the working world		
2	Determination of Requirements	Does not list requirements	Missing, incomplete or vague requirements	Requirements are complete	Requirements are complete, concise, clear, include edge cases		
3	Researching & Gathering Information	Does not collect any information that relates to the topic	Collects very little information, some relates to the topic	Collects some basic information, most relates to the topic	Collects a great deal of information, all relates to the topic		
4	Planning to Solve the Problem	Designs only one strategy, requires assistance to evaluate strategy	Brainstorms a few strategies, requires assistance to select an appropriate strategy	Brainstorms several strategies, decides on an appropriate solution	Brainstorms many strategies, decides on optimal solution to each strategy		
5	Carrying out the Plan	Attempts to solve problem with an inadequate strategy	Solves problem using design, does not make necessary design modifications	Solves problem using design, makes appropriate modifications to conclude	Challenges self to try new methods to solve problem		
6	Evaluating the Results	Requires assistance to evaluate solution results	Limited evaluation of solution without assistance, compares solution to the problem	Compares actual and expected results	Suggests potential modifications or enhancements for related problems and/or future implementation		
7	Communicating the Results	Explains what happened in simple terms	Explains what happened using terminology related to the problem	Explains the reason one solution is superior using specialized language including specific and relevant measurements	Generalizes solution, describes how solution can be used in other situations		

(Adapted from Johns Hopkins University Center for Technology in Education)