

Organization		Content is in no logical order. Pages are not numbered or dated.		Information is in a logical order but no table of contents		Information is in a logical order. All space is used or neatly crossed out. All pages are numbered, dated and signed. Table of contents provided.	
		1	2	3	4	5	Score
Ask	<i>What is the problem?</i>	Shows little understanding of the big picture		Recognizes a problem but doesn't record objectives		Identifies problem and project objectives	
	<i>What have others done?</i>	No references to research findings		Research limited to hearsay and common knowledge		Authoritative sources consulted and documented	
	<i>What are the constraints?</i>	No limitations identified. Scope is undefined.		Limitations identified but scope not considered		Limitations identified and scope of project defined within the constraints	
Imagine	<i>What are some solutions</i>	Only one solution considered		Alternatives are not practical		Several practical solutions considered	
	<i>Brainstorm ideas</i>	No ideas list		Some listing of ideas, but not significant		Ideas list is extensive, some impractical, some crazy, but there is evidence of creative thought	
	<i>Choose the best idea</i>	No evaluation of alternatives		Two alternatives compared but superiority of selection not demonstrated		Evidence presented of selected solution superiority	
Plan	<i>Draw a diagram</i>	No diagrams entered.		Drawings do not connect with ideas or are incorrect.		Drawing(s) illustrates the point very well; there is evidence of use of drawings to improve the final product.	
	<i>Make list of materials and schedule</i>	No listing of required materials		Materials listed but no schedule		All materials itemized and schedule documented	
Create	<i>Follow the plan</i>	No record of schedule		Schedule followed but no revisions documented		Schedule monitored and maintained. All revisions entered and justified	
	<i>Test it</i>	No testing of product documented.		Some testing. Not a great presentation.		Well tested. Project requirements met.	
Improve	<i>What could be better?</i>	No consideration of improvement		Improvements considered but dismissed		Revision undertaken	
	<i>Modify design for improvement</i>	No consideration of improvement		No improvement of prototype		Prototype modifications made	
	<i>Test it</i>	No consideration of improvement		Revisions considered but not implemented and tested.		Well tested. All kinks were fixed. Well put together, cohesive project.	
Total Score							