

Self-assessment checklist – INVENTIONS

NAME HG

Title of your model:

CRITERION	H (5-6)	M (3-4)	L (1-2)	NS (0)
Have I included a written explanation of my invention which				
• Explains how my invention solves a problem?				
• Explains what is original or new about my invention?				
• Describes how I went about building and testing it, any problems I encountered and how they were solved?				
• Shows I have a clear understanding of the science involved?				
• Examines the export potential of my invention, describes how I would promote and sell it, and discusses how I can protect my ownership rights?				
Presentation:				
• Is it a <u>working</u> model of my invention? Is it well constructed or does it fall to bits when handled?				
• Is it easy to use? OR Does it have a set of clear written instructions that make it easy to use?				
• Is my invention highly original?				
• Does my invention solve a real problem? Does it meet a need?				
• Does it meet the size and weight requirements (0.5m x 0.5m x 0.5m and <15kg)?				
• Is the scientific principle(s) that relates to the invention clearly understood and demonstrated through the model?				
• Have I shown resourcefulness in the parts I have chosen?				
• Can I explain my invention clearly and accurately in terms of the science behind it, how it works and the design process?				
• Can I demonstrate that I have put effort into designing and making my invention?				
• Is my model safe to operate in a crowded area?				
• Have I included a photograph of my model for the judges?				
• Is my written description < four A4 pages, in a paper manila folder & the completed Face Sheet firmly attached to the front?				
• Total Score For Invention / 102 ←				

COMMENTS:

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Add score for oral presentation (____ / 18) **OVERALL GRADE:** _____ / 120