

BLM – Transporting Nuclear Materials

Name: _____ Date: _____ Class: _____

Design Checklist

	Complete
1. Is our Design Brief well-developed and does it contain all necessary information?	
2. Have we completed our research?	
3. Is our research well-organized and well-documented?	
4. Have we brainstormed and recorded at least four different ideas?	
5. Have we considered the criteria that the solution must meet and evaluated and recorded each possible solution against the criteria?	
6. Have we chosen the best solution and described why we chose it?	
7. Have we made precise and labelled scale drawings of the prototype?	
8. Have we made a detailed plan for each stage of the construction of the prototype including the required tools and materials?	
9. Have we followed our plan for the construction of the prototype?	
10. Have we done all five performance tests on the prototype and recorded our observations?	
11. If our prototype failed any of the performance tests, have we recorded our recommended modifications?	
12. Have we revised our prototype based on our recommended modifications and retested our prototype as necessary?	
13. Is our evaluation of the prototype based on self-criticism and valid judgments?	
14. Have we made sufficient preparation to present our prototype to the class?	
15. Is our Design Portfolio complete, neat and precise?	