**Deep Dive Checklist**

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| --- | --- | --- |
| Sections to be included in your notebook | What is required | Check here when completed |
| Title Page | * Title
* Table of contents
 |  |
| Design Brief | * Description of project
* Criteria/constraints
	+ Must be cost effective
	+ Must be sized to fit in hallway
	+ etc
 |  |
| Generate concepts | * Research online
* Record sources
* Brainstorm and Sketch
	+ Annotated sketches
	+ Label sketches
	+ Can be parts or whole
	+ **Must have multiple ideas**
 |  |
| Develop solution | * Test multiple ideas
* Create a table to show how each performed
* Select a design with Decision matrix/pros cons
 |  |
| Construct Prototype | * Full annotated sketch with scale
* Close ups of specific/unique design features
 |  |

Deep Dive Rubric

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| --- | --- | --- |
| **Section** | **Criteria** | **Points** |
| Legal Documentation | * Every page includes consistent page number that is referenced in the table of contents
* Every page is signed by author and a witness
* Every page is dated
 | /10 |
| Neatness | * Notebook is neat and legible
* Sketches show signs of effort and use of ruler
* Writing does not cross lines
 | /10 |
| Title page/Table of contents/Design brief | * All items are included and complete
 | /10 |
| Research and generate concepts | * Evidence of multiple ideas
* Evidence of research and analysis of ideas
 | /20 |
| Develop Solution | * Includes comparison table for each design or a decision matrix
* Technical sketch of final design
 | /10 |
| Presentation | * Professionally done presentation
* Shows signs of preparation
* Discussed all components of the design process
 | /20 |
| Total Score | /80 |