**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 |