

Paper Engineering [SKILL UP]

| PROJECT STEPS | WAYS OF PROBLEM SOLVING AND SHARING YOUR PROJECT | | |
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| <p>Dream It!</p> | <p>SOLOIST We/I had no need for brainstorming ideas, we only listened to one person who had a pretty good idea How many ideas did you explore?</p> | <p>COLLABORATOR We/I took turns brainstorming and discussed various solutions according to our constraints and time and different perspectives How did you choose an idea to explore deeper?</p> | <p>INNOVATOR We/I studied other ideas for inspiration, brainstormed and discussed multiple options, then came up with a unique solution How did you choose an idea to explore deeper?</p> |
| <p>Draw It!</p> | <p>EXPLORING My model or drawing can be explained by the makers</p> | <p>EVOLVING My model drawing can be understood by anyone because it is clearly labeled, to scale</p> | <p>EXPANDING I used 3D sculpting tools, like TinkerCAD, Fusion 360</p> |
| <p>Build It!</p> | <p>EXPLORING This is all new for me, I am trying new tools or materials and I am not sure what will happen</p> | <p>EVOLVING I am experienced with the tools and materials, I am able to make several iterations of my idea with ease</p> | <p>EXPANDING I am experienced with the tools and materials, I am able to make several meaningful iterations of my idea based on testing and feedback</p> |
| <p>Share It!</p> | <p>PEER CRITIQUE Share your project with someone who did not make it, ask them for their feedback and suggestions on how to improve the design</p> | <p>COMMUNITY SHOWCASE Share your project in a school wide or online family share showcase where you can explain the process of how you made your design</p> | <p>DIGITAL CITIZEN Why not share things you have made that you are proud of, like your latest project, slime recipes or invention? TikTok, Instagram, Tumblr and Twitter are good places to start if you are over 13</p> |
| <p>Expand It!</p> | <p>ONE AND DONE This project was fun, but I hope I never have to do it again</p> | <p>ABOVE & BEYOND I found my own tutorials on how to complete this project and learned new skills all on my own</p> | <p>GRIT AND GLORY I am obsessed with this new technique of creative work. I cant stop searching for new ways to improve my projects and skills</p> |
| <p>Makers Choice Is there a criteria that you feel your project or efforts should be evaluated on that is not listed yet? If so, write it here:</p> | | | |

