**“Is this a good project or not” Rubric**

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| Questions / Ratings | Best Case Scenario (3pts) | Acceptable but not great (2pts) | Not acceptable (0pt) |
| Who is your **client**? | Someone from the community  A local non profit organization  A local small business  Person with a disability | Parent  Family member  Friend  Teacher  (Clients in this column may also qualify as someone in the “best case scenario” column) | Yourself  No client |
| Gauge their **willingness** to help and **availability** | Our client is easy to reach by phone and email, They are also willing to visit CHS and let us visit them. They want to be involved in the process | The client is willing to have an introductory meeting but can’t offer much help along the way. They just want to see our solution when its done. | The client is not willing to have a introductory meeting and it seems doubtful if well ever talk to them until we give them our solution. |
| What types of **prototyping** could be involved in potential solutions? | A combination of all 3:  Electronic (breadboarding),  Digital prototyping (Laser, 3D printer, Shopbot)  Physical prototyping (tools and machines) | Two out of three prototyping methods are used. | Only one prototyping method is used |
| What **level of skill** is required to develop a solution to the problem | New skills are necessary to complete this project as well as skills from level 1 and level 2 | Skills from level 1 and 2 are required to complete the project | Only skills from level 1 or less are required to complete the project |
| How much **time** is required to complete the project? | 1-2 marking periods | Less than 1 marking period | Would only take 1- 2 weeks or more than 2 marking periods |
| How **original** is your potential solution? | Nothing really exists like this on the market.  Things like this exist but ours is better because…  We are making major modifications to an existing product. | We are only making minor modifications to something that already exists. | This exists already. Our client could buy one themselves instead of asking us to do it. |
| What **impact** will your solution have? | This will help our client and could also help others with similar problems.  Has potential for marketability / patent. | This only helps our client and is not transferable or applicable in other areas. | Were not even really solving a problem were just making something because it would be cool or fun. |
| What type of **data can be collected** to validate your solution | Metrics exist that can be measured against criteria | Metrics exist but they are a bit of a stretch and not ideal | No real data can be acquired through testing |

24-17 points = Probably a good project 16-12 points = Has potential to be a good project < 12 points = Not a good project idea