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|  |  | **Activity Guide - Personal Innovations** | logo.png |

Technological innovation is about recognizing a problem that needs to be solved, or recognizing something needs improving and then building a tool to solve it.

**As a class we’re going to see how innovative we can be, and we’ll share our ideas through something called “rapid prototyping.” *(Prototype*** *is a fancy word that means a preliminary sketch of an idea or model for something new. It’s the original drawing from which something real might be built or created.)*

**First**: Looking at the list of 4 interests at your table, let’s **think about how technology is impacted by, or related to, those interests.**

How could **technology** improve your interest to make it **better, faster,** or **easier** to use?

What is a **problem**, or aspect of your interest, that a **creative or innovative technology might help solve**, or at least make better?

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| Interest | Improvements | Problems |
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**Next:** As a group, nominate the idea you’ve discussed that you think would be the *most interesting to everyone else* in the class.

**Start to sketch it out on a poster.** Make a visual representation of your ideas.Remember this is a rapid prototype, just something to quickly convey the idea. Feel free to jot down ideas or sketches in the space below:

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| **Brainstorming and Notes** |
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