

Lesson 1: Problem Solving - Personal Innovations - Activity Guide

Name.....

Date.....

Technological innovation is about recognising a problem that needs to be solved, or recognising 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.)

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

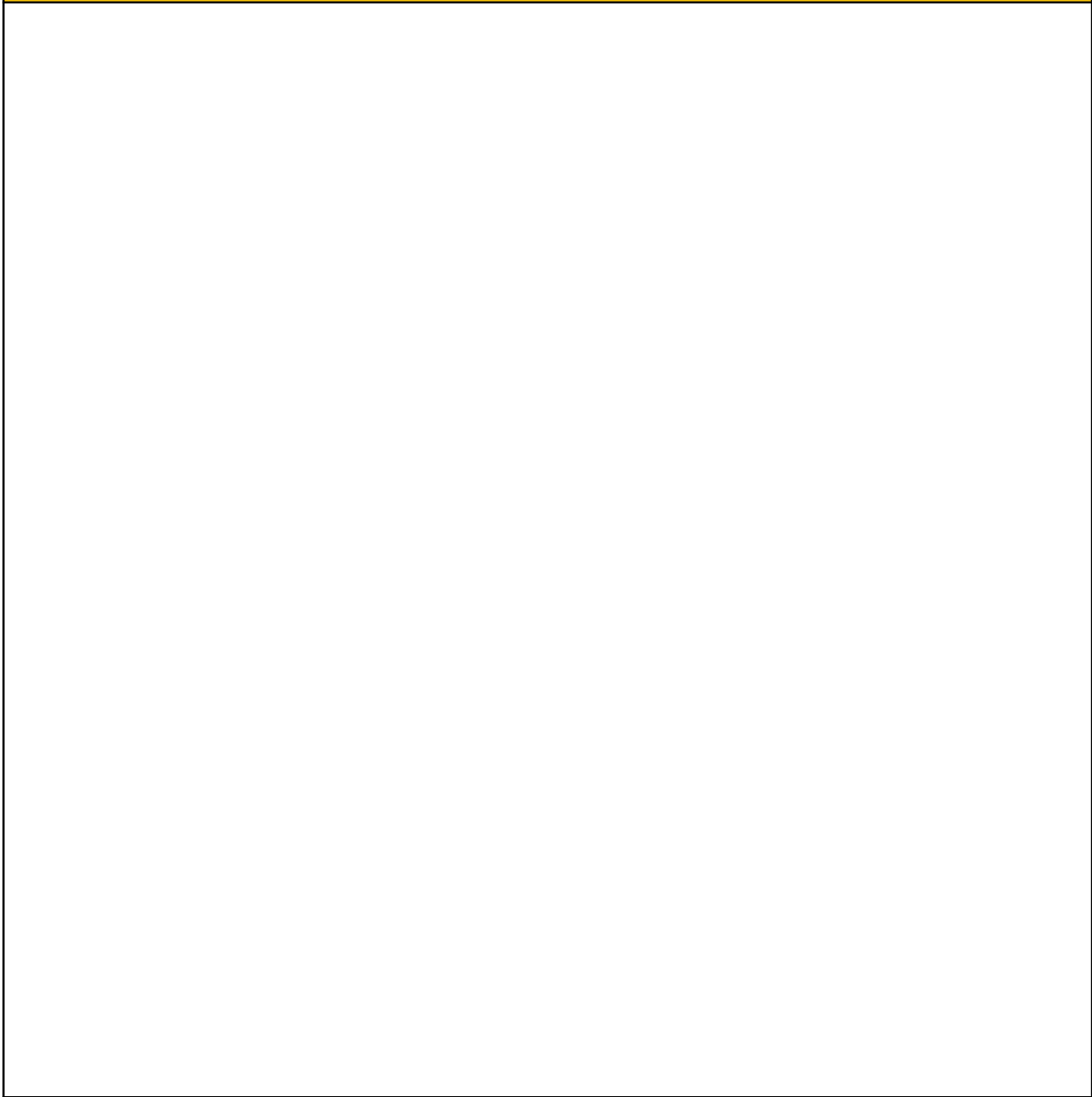
- How might technology be improved to make it better, faster, easier to use?
- What is a problem, or aspect of your interest, that a creative or innovative technology might help solve, or at least make better?

Interest	Problems	Improvements

Task: 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:

Brainstorming and notes:



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