

Extending Human Ability Product Design

Lesson Title: *Extending Human Ability through Technology*

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Name: _____



Now it's your turn to create a technology-based product designed to extend human capabilities. Working with your group, begin by identifying a human limitation. It could be a limitation that is specific to a group (young children, older people, people with physical disabilities, etc.) or a biological limitation that is common to the human species. Your product should be designed to help individuals overcome this limitation. You must draw or construct a model of this technology and create a marketing plan for it. You will present your product and marketing plan to the class.

As you are doing this assignment, answer these questions with your group:

1. What limitation does this technology help humans overcome?
2. How will this technology enhance and extend human ability?
3. Why is this technology necessary?
4. Who is the technology designed for?
5. What materials would you use?
6. How will this technology enhance and extend human ability?