

ACCESSIBLE LUNCHBOX

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Team Picture



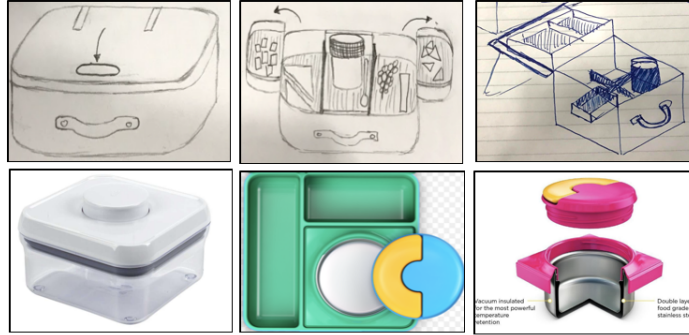
HUSKYADAPT

Accessible Design & Play Technology

The Challenge: To design an accessible, durable lunchbox that can be operated with one hand and store hot food and cold snacks.

Main Features:

- **Operate with one hand**
- **All-in-one design**
- **Leak-proof**
- **Low profile**



The Accessible Lunchbox/Cool Name/J-Box

Post your thoughts!



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- Use this as an opportunity to use positive language and focus on the abilities and expertise of your need experts!
- Consider how you will interact with and use the poster as a backdrop to share your design with others. What other props or interactive activities do you want to bring?
- Keep text to a minimum (use bullets and lists). Make sure all text is large enough to be read from a distance of 2 meters, nothing smaller than **36 pt font**.
- Use images, graphs, and tables instead of text whenever possible.
- We will print the posters – please do not change the overall size of the poster.
- Do not change the poster dimensions. You can move the headings and sections included in the poster template as you wish.

The Challenge (use a well polished point of view, include some description of your need experts

- After looking at this section, your audience should have a good idea of what was your challenge AND why it is important!
- Challenge: build a lunchbox that can be used with one hand
 - Has to be stable, so that it can be opened and used without sliding or falling over

- Airtight seal for liquids to reduce the need for extra components, like difficult-to-open thermoses
- Compact, so it can be carried in a backpack
- Customizable compartments to accommodate different foods

Your Design (should be the main focus of poster)

- Make sure someone can quickly see and describe the main features/innovations of your design by quickly looking at your poster.
 - Operate with one hand/***Operate one-handed***
 - Pop-it top
 - Sticky circles on bottom
 - Compartment - ***all-in-one design***
 - Built-in thermos that doubles as sandwich space
 - Compartments for other snacks
 - Side compartment for water bottle
 - Air tight seal
 - Fit all the food in one lunchbox
- This should be the bulk of your poster. Include lots of pictures and photos describing your solution to the design challenge.
 - Include pictures of Omie Box, OXO box, sketches
- While you can share some parts of your process and prototypes, the main focus should be on your final design.
 - Nikita: Solidworks design/picture
- Remember to use positive, ability-based language
- You might want to include:
 - Emphasize how/why your design is unique
 - How does this compare to current solutions?
 - Incorporates two unique features into one, accessible box
 - Quotes – what feedback did your need experts or other community members provide?
 - How would you make this more usable one-handed?
 - Any suggestions on components to add?
- **Questions**
 - Come up with a name for our lunchbox?
 - Do we remember any memorable quotes from the skype interview?

The Future (Where are you headed? What do you want the audience to remember?)

- Next quarter, we will begin the process of prototyping by 3D printing our lunchbox! Eventually, we want to have a food-safe product to give to Jayna for her to use next school year.

Nikita Solidworks design:

- Lip - double enclosure for rubber seal/top to snap on bottom