



## shelf/seat conversion walker



### Possible Materials:

Frame - cast aluminum  
Shelf/Seat - molded plastic or  
wood veneer or  
carbon fiber

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### Design Considerations:

Design a fully collapsible walker centered around a single hinge which enables the user to adapt the object to specific tasks. The frame is composed of cast aluminum to provide lateral stability and a stable base of support for the rotating component.

Develop a clean connection between the shelf and handles and seat and legs. Focus on stable connections that are easy and intuitive to use.

Incorporate a pneumatic element or mechanism that will assist the user in raising and lowering the movable part.

Construct the seat/shelf component from a secondary material such as wood to add warmth and color, plastic to add color and a sense of playfulness, or carbon fiber for strength.



product development