


## Team Mobility




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## Mobility Impairment




- Any condition where there is a limitation or loss to the range of motion in one or more limbs.
- Ranges from mild disability such as arthritis to severe disability such as paralysis
- Does not affect the way we create web content

## Basic Assistive Technology




### Mouth Stick




Someone with no use of the hands could use a mouth stick to type and manipulate a trackball mouse.

### Head Wand

Similar to the mouth stick is a head wand where it's strapped around the head for use.



## Advanced Assistive Technology




### Voice Recognition




Allows a person to control the computer by speaking.

### Eye Tracking

An alternative for individuals with no or only limited control over their hand movements. Allows the person to navigate through the web with only eye movements.




## Improvements That Need to be Made with Mobility



- Housing Prices- fair market value housing is hardly available for people who need housing with adaptive technologies
- People have had to "settle" for houses that cannot accommodate their needs because of the expenses it would take to adapt a home
- Until the resources to create adaptive technologies become less expensive, use of these is very limited (i.e. brain-reading systems)

"Reduced mobility is something that many of us do not think twice about, but it is something that millions of people all over the world live with everyday." - www.disabled-world.com

## Improvements That Need to be Made with Mobility



- Many websites still do not provide accessibility to those with mobility handicaps as well as other disabilities
- Mentality- "ramps equal accessibility"
- Gaming being understood as an escape

# GAMES GEARED FOR MOBILITY IMPAIRED CHILDREN

By: Meredith Knight

## AbleGames


- August 29, 2009
- Jefferson County Fairgrounds
- Assistive Technology Partners



## Guitar Hero



## Wii Sports



## Computer Games



## Computer Games



### Computer Games



### Computer Games



### Computer Games



### Hoop Stars



### Hungry Hungry Hippo



### Pinball



# Channel 7 News



□ <http://www.thedenverchannel.com/video/20219163/index.html>





### Sources

- [Mile High News](#)
- [University of Colorado Denver](#)
- [Channel 7 News](#)
- [OneSwitch](#)
- [Assistive Technology Partners](#)
- [AbleGames](#)