

## Example of an Adaptive Bicycle



This adaptive bicycle was designed by WPI students in collaboration with Worcester Earn-A-Bike to help people who face issues with balance and coordination.

It is available for use at the shop! Come on in and practice with it!

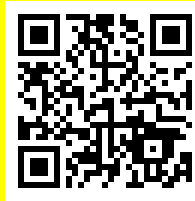
## Come see us!

Located in the basement of Stone Soup: 4 King St, Worcester, MA 01610

Use the back entrance!

### Shop Hours & Programs

Volunteering: Saturday 11AM – 2:30 PM  
Open Shop: Saturday 2:30 – 4 PM  
Youth Shop: Tuesday 3:30 – 6:30 PM  
Adult (17+) Shop: Thursday 6 – 9 PM  
Women & Trans Night: Friday 4 - 7 PM



[www.WorcesterEarnABike.org](http://www.WorcesterEarnABike.org)  
[Facebook.com/WorcesterEarnABike](https://www.facebook.com/WorcesterEarnABike)

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Worcester

# Earn A Bike



**An informational guide on adaptive bicycles**







Brochure created by WPI Students  
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[www.WorcesterEarnABike.org](http://www.WorcesterEarnABike.org)

# This Brochure Will Guide You Through:

- Various issues associated with bicycle riding faced by people with cognitive disabilities
- Commercially available adaptive bicycles
- Organizations which utilize or provide adaptive bicycles
- Available grants that help families with expenses

## Types of Currently Available Adaptive Bicycles

Type	Description	Pictures
Balance Bicycles	These bicycles have no pedals. Instead the person pushes the bicycle forward with their feet so that they can practice balancing. This bicycle is perfect for those with cognitive disabilities that affect balance.	 * [i]
Tandem Bicycle	A tandem bicycle is a bicycle designed for two riders. These bicycles are great for those who want to bike but cannot support themselves. They come in a variety of types including side-by-side.	 * [ii]
Tricycles	Tricycles are the most diverse of all adaptive bicycles. The third wheel provides extra stability. Due to their nature, this bicycle usually comes with many special features like handcycles or full body support.	 * [iii]
Recumbent Bicycles	Recumbent bicycles are perfect for those who have physical disabilities that make it hard to sit upright. The recumbent seating provides extra back support.	 * [iv]
Handcycles	Handcycles are meant for those with physical disabilities that prevent them from using foot pedals. They usually come in the form of tricycles to provide extra stability and foot rests to keep the person's feet safe and in place.	 * [v]
Quadracycles	The only requirement for quadracycles is that they have four wheels, which provides the most support out of any bicycle. This means the bicycle can either be a single rider or a tandem bicycle.	 * [vi]

[i] From 20 Bikes, Trikes and Tandems for children with special needs.

[ii, iii, iv] *ibid.*

[v] From AmTryke.

[vi] From Disability Cycles | Buy Bikes Online | Get Cycling Online Cycle Shop.

## Organizations

Special Olympics: World's largest sporting organization for people with intellectual disabilities; has cycling teams

<http://www.specialolympics.org>

My Team Triumph: Athletic ride-along program for those who normally would not be able to race

<http://www.myteamt Triumph.org/>

National AMBUCS Inc.: Dedicated to creating mobility and independence for people with disabilities; owns AmTryke therapeutic tricycle

<http://www.ambucs.org/>

iCan Bike: Hosts nearly 100 biking programs throughout the US and Canada each year including camps to teach children to ride; part of the iCan Shine organization

<http://icanshine.org/>

## Adaptive Bicycle Grants

United Health Care Children's Foundation:

<http://www.uhccf.org/apply.html>

Variety Children's Charity:

<http://www.usvariety.org/>

Children's Charity Fund:

<http://www.childrenscharityfund.org>

Wheel to Walk Foundation:

<http://www.wheeltowalk.com/>

Challenged Athletes Foundation:

<http://www.challengedathletes.org/>

Disabled Children's Relief Fund:

<http://www.dcrf.com/orderze/default.aspx>