



# Presenting the Community Problem

*Excerpts from 4 hackathons*



# About

During the opening session of the youth hackathon, an expert presents a problem or challenge for youth to respond to with a prototype of a software-based solution. The slides that follow feature excerpts of the experts' presentation slides from four youth hackathons.



## Themes from 4 Years

- 2017 – Connecting people in poverty to resources
- 2019 – Designing for autism spectrum disorder
- 2020 – Civic engagement in democracy
- 2022 - Usage of the local greenbelt



# **2017: Connecting people in poverty to resources**



**[Presenter Name]**

Literacy for Today and Tomorrow

**[Presenter 2 Name]**

Education Major at the University of West Georgia





# Two Application Options

## Option 1

Create an app that provides resources for people who live in poverty

## Option 2

Create an app that raises awareness about the challenges people face when living in poverty



# **2019: Designing for people autism spectrum disorder**



## **[Presenter Name]**

Graduate Assistant, Literacy and Special Education  
University of West Georgia

## **[Presenter Name]**

Community Based Instructor/Student Support Teacher  
Carrollton High School





# Your Team Challenge: Design an App...

## Option 1

...that helps teenagers to communicate with peers the way their peers really talk.

## Option 2

...that teaches a basic skill (e.g. addition) to children with special needs. The user interface should be customizable.



# **2020: Civic engagement in democracy**



Image Source: FreePik.com

**Dr. [Presenter Name]**  
Professor of Political Science  
University of West Georgia

presents...

***Scratching Alone***



# Scratching Alone

## Introduction

1. What is the logic of democracy?
2. What does civic engagement mean?
3. What does it mean to you?
4. Why is civic engagement important?
5. How can you contribute to civic engagement?

Link 1: [What does civic engagement mean?](#)

Link 2: [Where do I go find out more about civic engagement?](#)

Link 3: [The American Democracy Project for civic engagement](#)

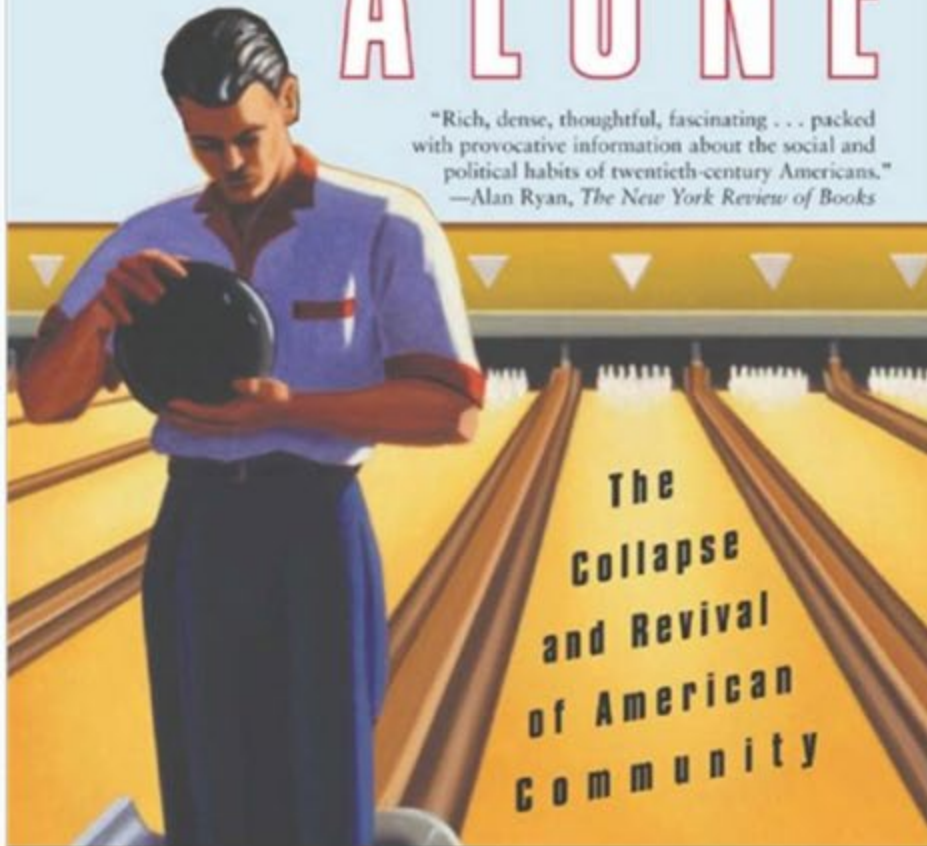
Link 4: [NYTimes UWG Complementary](#)



THE NATIONAL BESTSELLER

# BOWLING ALONE

"Rich, dense, thoughtful, fascinating . . . packed with provocative information about the social and political habits of twentieth-century Americans."  
—Alan Ryan, *The New York Review of Books*



The  
Collapse  
and Revival  
of American  
Community

Robert D. Putnam

Random Number  
Between 0 and  
100 (may include  
0 or 100)





# Your Team Challenge: Design a Scratch Project...

## Option 1

...that promotes **civic engagement** in a particular community.

## Option 2

...that informs others on the importance of **civic engagement**.

## Option 3

...other ideas related to something you could create related to **civic engagement?**.



# **2022: Usage of the local greenbelt**



Image Source: FreePik.com

**Dr. [Presenter Name]**

*Assistant Professor of Health  
& Community Wellness*



presents...

***Scratch the GreenBelt***

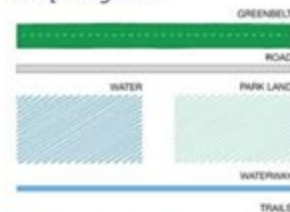


## TRAILHEADS AND AMENITIES

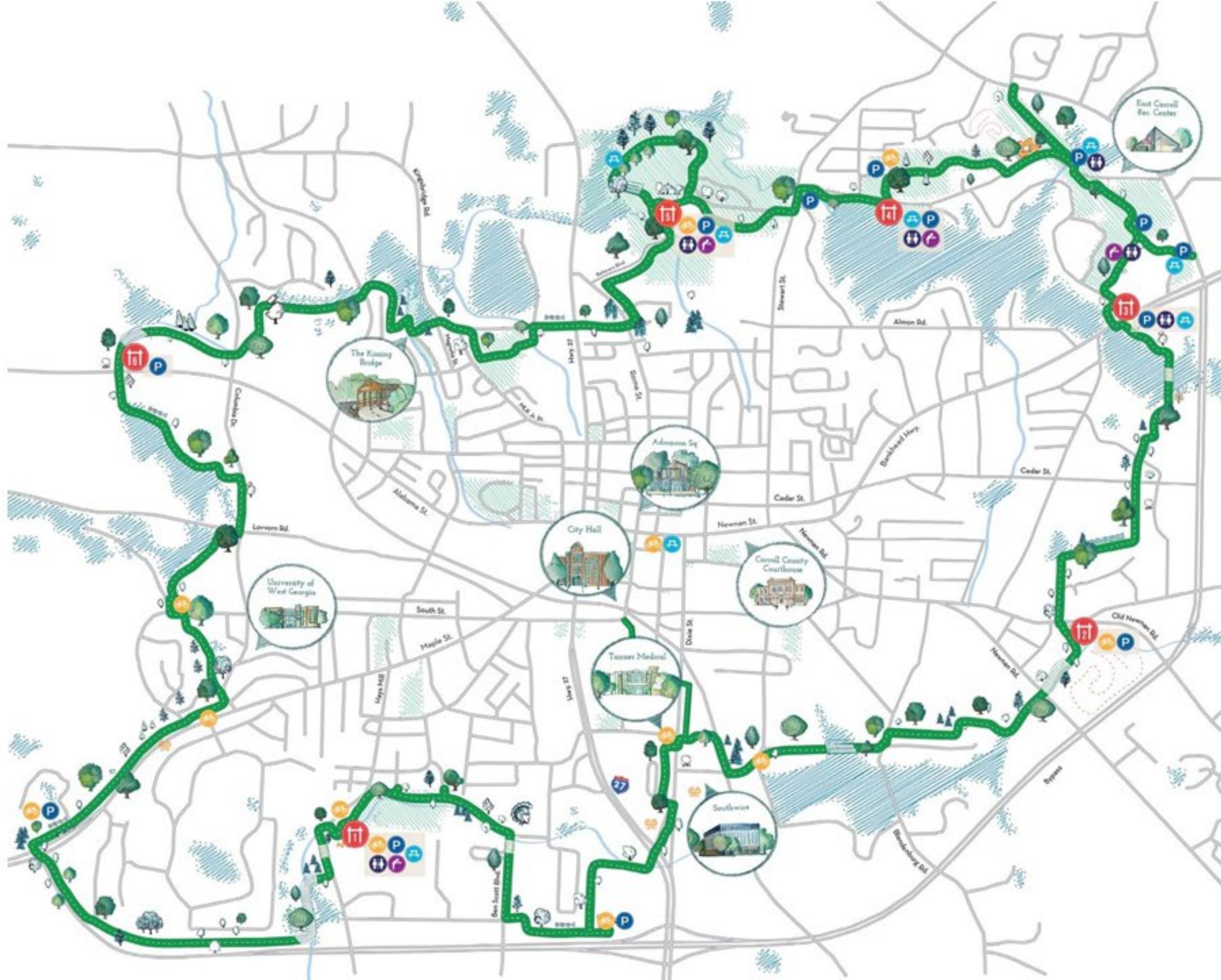
- LAURA'S PARK: 480 HAYS MILL ROAD**  
Immediately North of Hays Mill Overlook  
• Bike Repair Station
- OLD NEWMAN ROAD: 515 OLD NEWMAN ROAD**  
Across from the DMV office  
• Buffalo Creek Nature Trails
- LOG CABIN: 102 NORTH LAKESHORE DRIVE**  
Off Bankhead Hwy, overseeing Lake Carroll
- LAKESHORE PARK: 600 NORTH LAKESHORE DRIVE**  
Boat docks across from baseball fields & tennis courts  
• Boat Dock/Ramp  
• Gazebo/Fishing  
• MTB Trails
- HOBBS FARM PARK: 500 BELIEVER'S BOULEVARD**  
At the end of Believer's Blvd, off Rome St.  
• Observation Deck  
• Gazebo/Fishing  
• Kayak Launch Dock  
• 16-Post Hammock Nest  
• Disc-Golf Course  
• Bike Repair Station  
• Fit Court
- ALABAMA STREET TRAILHEAD: 1175 ALABAMA STREET**  
At the Little Tallapoosa River



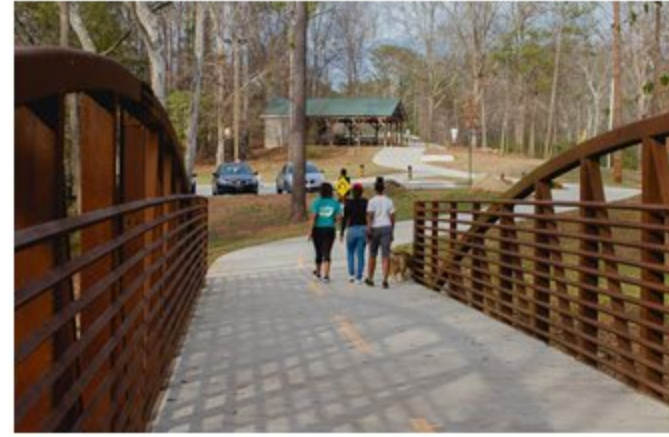
map legend:



Temporary Detour











# Your Team Challenge: Design a *Scratch* Project...

## Option 1

...that measures trail participation on the Carrollton Greenbelt.

## Option 2

...that provides clear access directions to the Carrollton Greenbelt.

## Option 3

...other ideas related to something you could create related to broadening awareness of the Carrollton Greenbelt?