

**moz://a**

**Gigabit 101 Workshop**

A high-angle, blue-toned photograph of a large, dense crowd of people, likely at a conference or festival. Many individuals are making 'rock on' hand gestures. A small, light-colored mascot is visible at the bottom center of the frame. The text 'We strive to keep the Internet an open and public resource for all' is overlaid in the center.

**We strive to keep the Internet an  
open and public resource for all**



073537<sup>3</sup>735<sup>3</sup>53<sup>3</sup>

7 billion  
World population

3,2 billion  
Internet users

5 billion users  
in next 5 years

Education. Employment. Finance. Health. Civic engagement. Democracy.

<http://www.internetlivestats.com>

**The rollout of high speed networks is shaping the future of the internet.**

**What story would you like to be able to tell  
about high speed internet?**

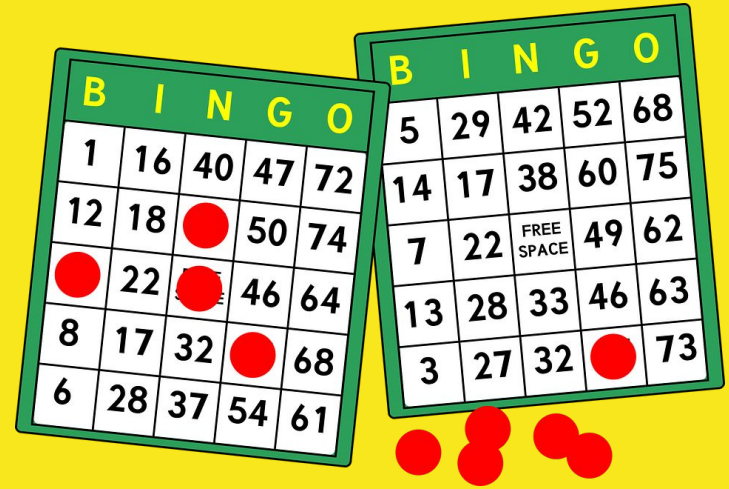
# Community Workshop

- It's part web literacy – What is the internet and how can it help us? Why should we learn about it?
- It's part gig advocacy – What does the high speed internet add? Why does it matter to equity and inclusion?
- And, it's part idea incubation: How can high-speed internet connections augment opportunities for all?



# Web Literacy Bingo

## Activity 1.



# Spectrogram

Activity 2.



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## Activity 2. Spectrogram

Chocolate is the best ice cream flavor.

## Activity 2. Spectrogram

When someone says gigabit, I know what they're talking about and would feel comfortable explaining it to someone else.

## Activity 2. Spectrogram

High speed networks are improving quality of life and impacting communities in positive ways.

## Activity 2. Spectrogram

High speed internet networks are creating new opportunities for my students/community.

## Activity 2. Spectrogram

Technology has the largest influence in shaping the future of learning.

## Activity 2. Spectrogram

I feel comfortable talking about emerging technologies.

## Activity 2. Spectrogram

It's easy to find people and resources to help me understand, build with, and use emerging technologies.



## Activity 2. Spectrogram

People I work with are excited about the potential of technology.

# Understand the Web



# Perform the Net

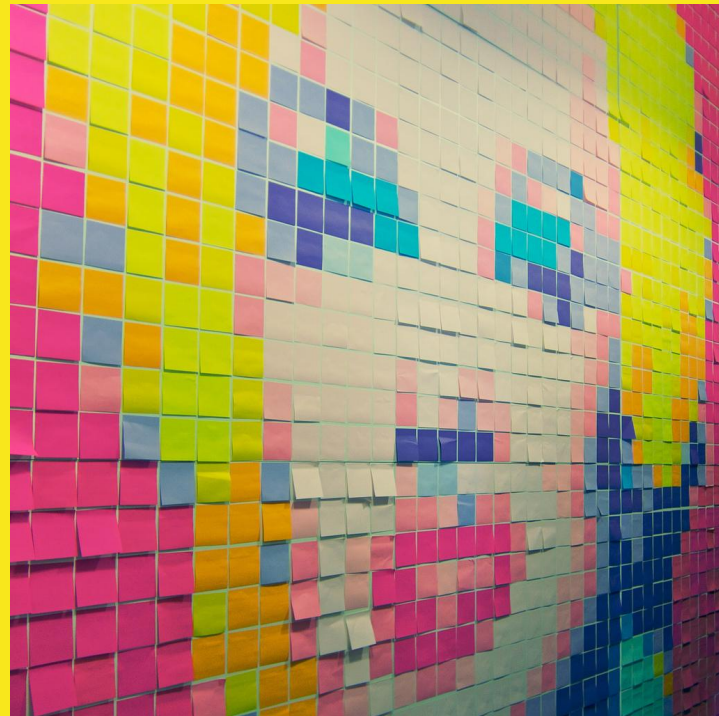
Activity 3.



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# Sticky Note Art

Activity 4.

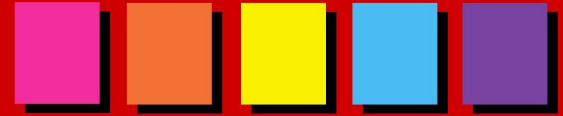


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# Speed Match

Activity 5.

**Move  
&  
Match**



# Dreaming About the Possibilities



# Mozilla Gigabit Community Fund



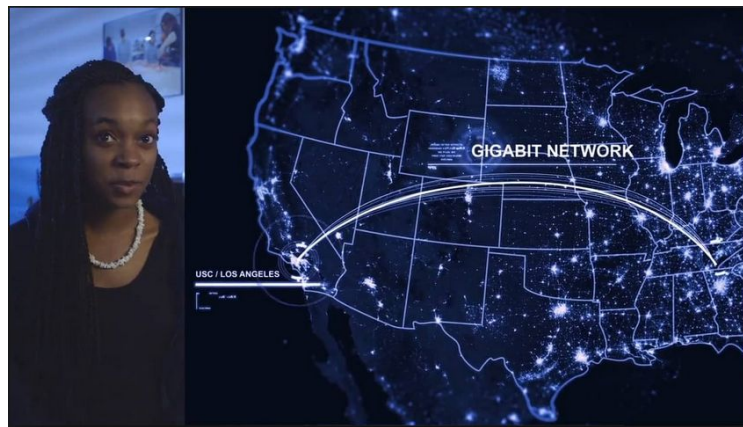


# Mozilla Gigabit Community Fund

## 4K Microscopy

Students can remotely control a 4K microscope in Southern California and watch the ultra high-definition image change instantaneously – without having to wait through download times or buffering.

Chattanooga, TN



# Mozilla Gigabit Community Fund



## Virtual Realities in Culture

A project working with urban students in Kansas City to create virtual field trips to landmarks in Kansas and Missouri that are important to black history.

Kansas City

# Mozilla Gigabit Community Fund

## PenPal Schools

Using virtual reality to bring the world into the classroom, PenPal Schools is connecting students and facilitating cultural exchanges – like this field trip to Pakistan.

Austin, TX



# Mozilla Gigabit Community Fund



## Gigabots

Bringing real-time internet connectivity and IoT technology to LEGO education robots in classrooms.

Kansas City + Austin

# Mozilla Gigabit Community Fund

## STEM + Virtual Reality

Bringing virtual reality and computer science education together to create an immersive environment for learning.

Austin, TX



# Mozilla Gigabit Community Fund

## CERN + KC Gigabit

Citizen science meets supercomputing to support data analysis for physics research being conducted in the Large Hadron Collider at CERN.

Kansas City





# Mozilla Gigabit Community Fund



## Viator

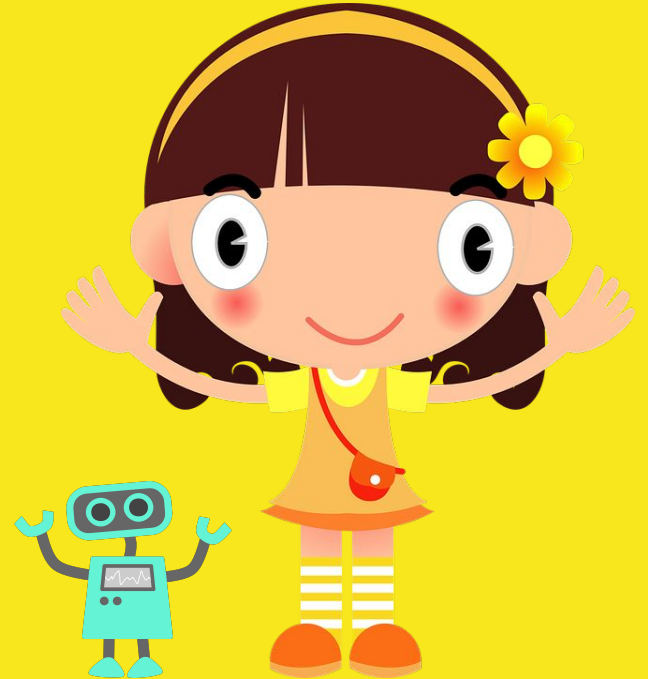
A startup in Chattanooga is creating immersive environments for learning foreign languages.

Chattanooga, TN



# Let's Gigovate

Activity 7.



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# A Gig Idea

Activity 8.



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# What's possible

Share your ideas!



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# Activity 9. Gigovate

Create a project  
canvas/roadmap



# Reflection

Questions or ideas from your notecards?

What is one thing you are going to do after this workshop?

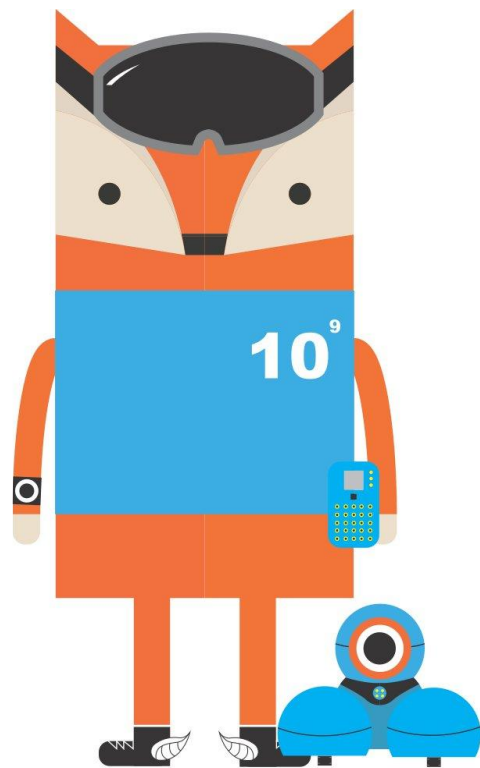
What is something you learned or are taking away from this session?

# A Few Useful Resources

[learning.mozilla.org/gigabit](https://learning.mozilla.org/gigabit)

[mzl.la/MozGigVid](https://mzl.la/MozGigVid)

**Also, we'd love your feedback!**



**Thank you.**