



**Digital Innovation and  
Learning Lab**

**Digital Innovation and Learning Lab (DIALL)**

**Dr. Blaine Smith & Dr. Jill Castek**

**Visit the DIALL Website [Diall.coe.arizona.edu](http://Diall.coe.arizona.edu)**

## What is DIALL?

A Space to Inspire Creative Envisioning

Explore  
Connections  
Between  
Learning &  
Media

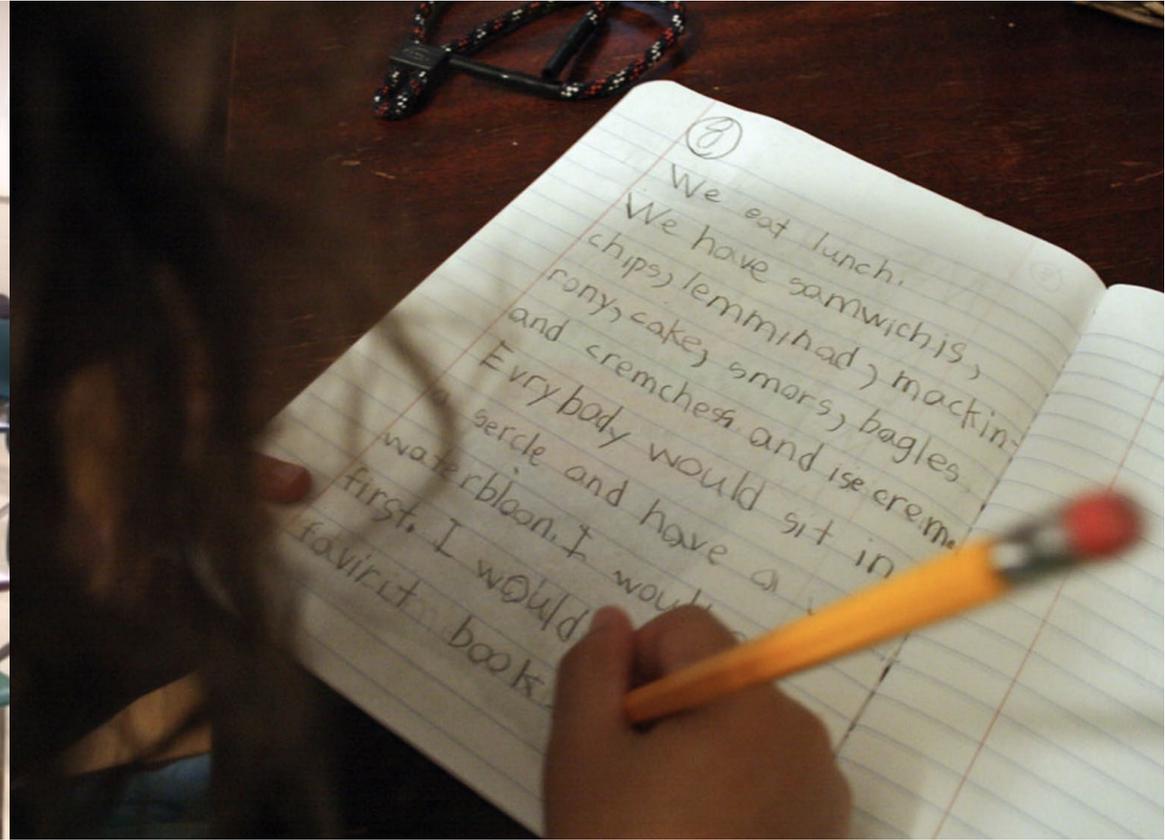
Try Out  
Teaching  
Practices &  
Digital  
Pedagogies

Connect and  
Collect  
Research  
Data

New Ways of Thinking about Literacy & Learning



# Learning Shifts and Changes





Digital Innovation and Learning Lab

# Learning in the Digital World

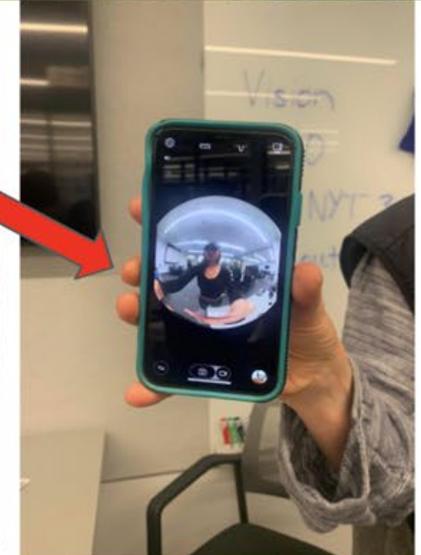
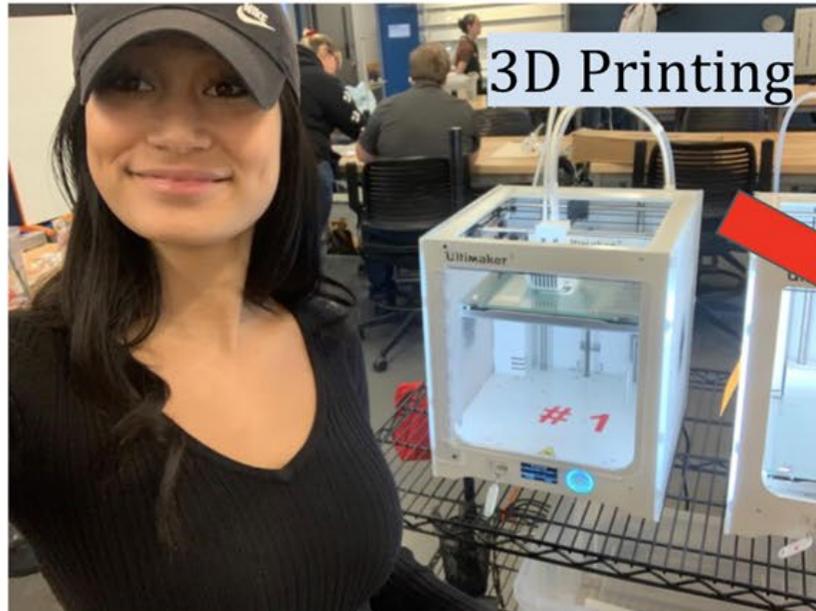




# Invites Exploration with Technologies and Hands-on Materials



# Engaged Learning with Technologies



# Exploration with Technology Connects Learning And Extends Meaning Making



Surface New  
Understandings

Social Scaffolding  
& Support

Keep Motivation  
High



Gives Learning a  
Social Purpose

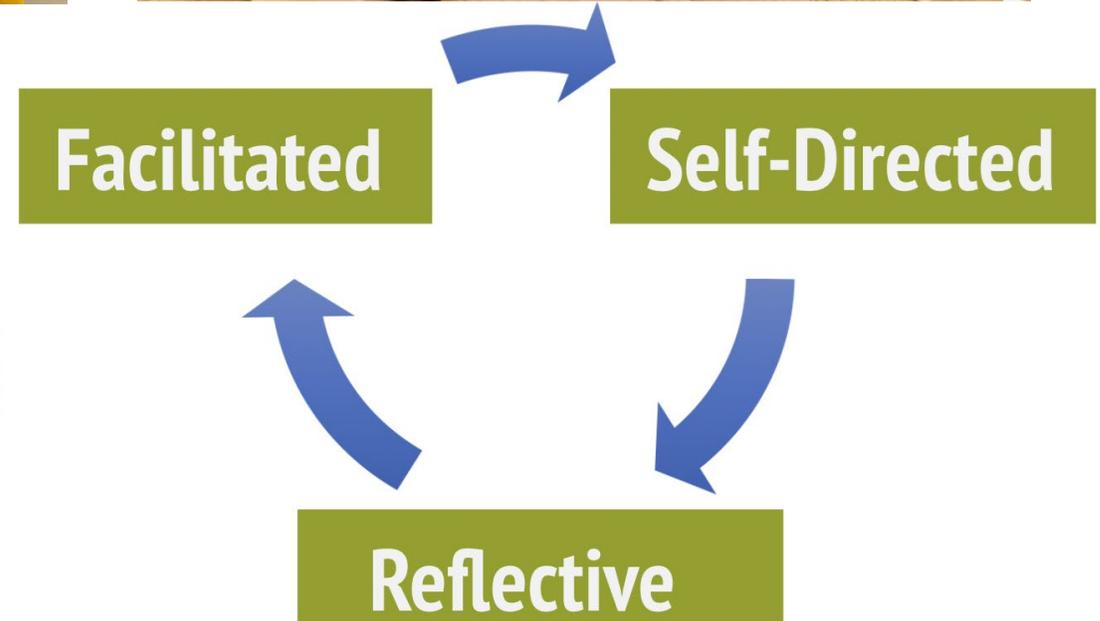
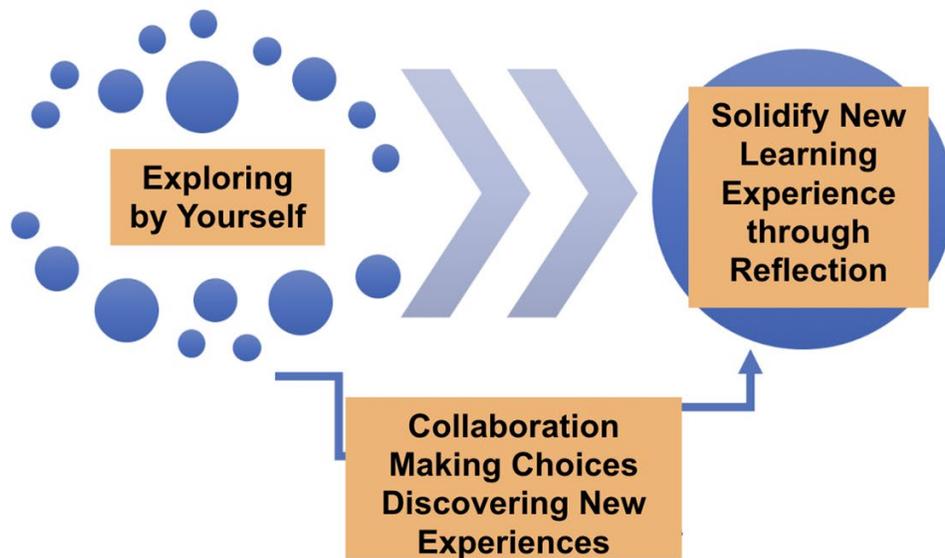
Bolsters  
Momentum when  
challenges arise

# Relevant Learning Supports Active Engagement





Learning is a **process** that happens **by doing**

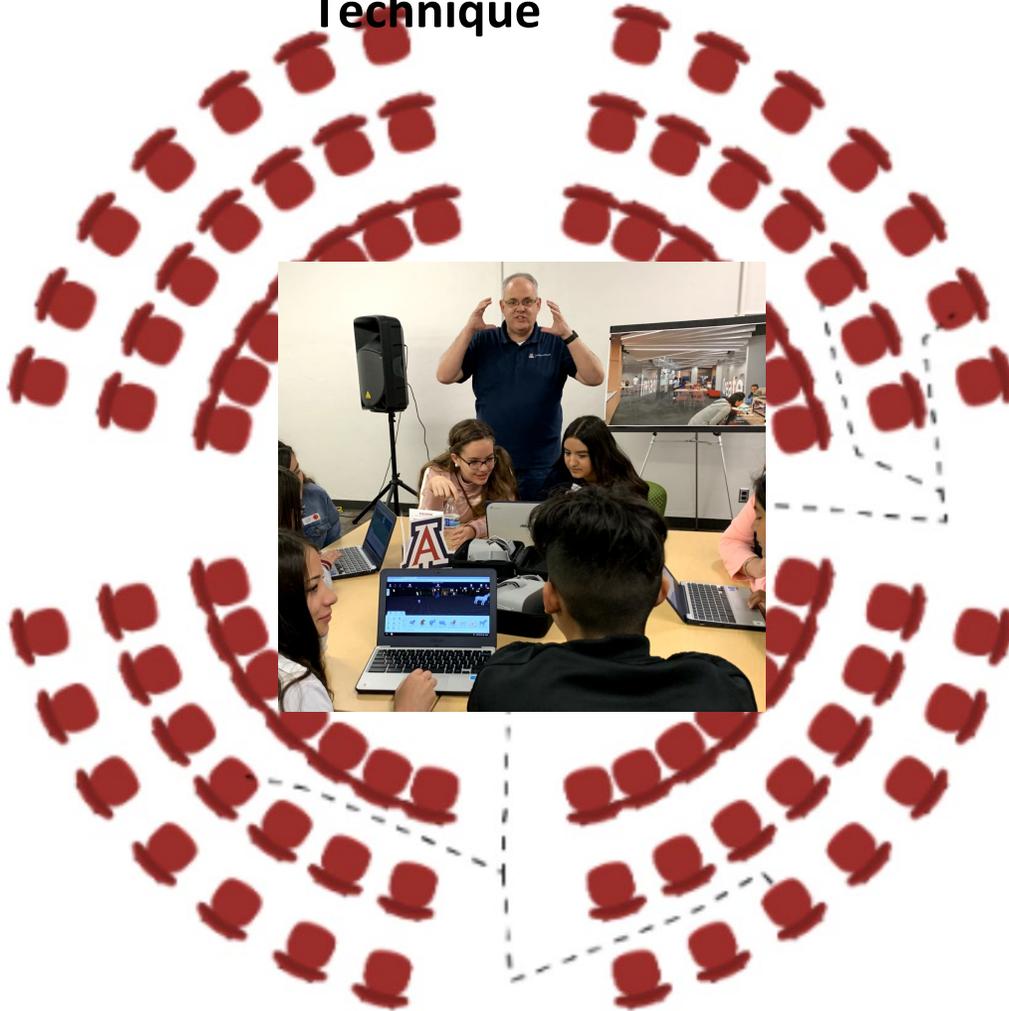


# Innovative Education Possibilities

## Impacts for Learners



## Fish bowl Technique



## Impacts for Teacher Education



# Aims to Create a More Equitable and Student-Centered Learning Environment



Extended Opportunities for Learning in digitally enhanced learning spaces

# Engaged and Collaborative Learning Environment through school and community partnerships



# Pre-Covid Programming Illustrates Expanded Opportunities



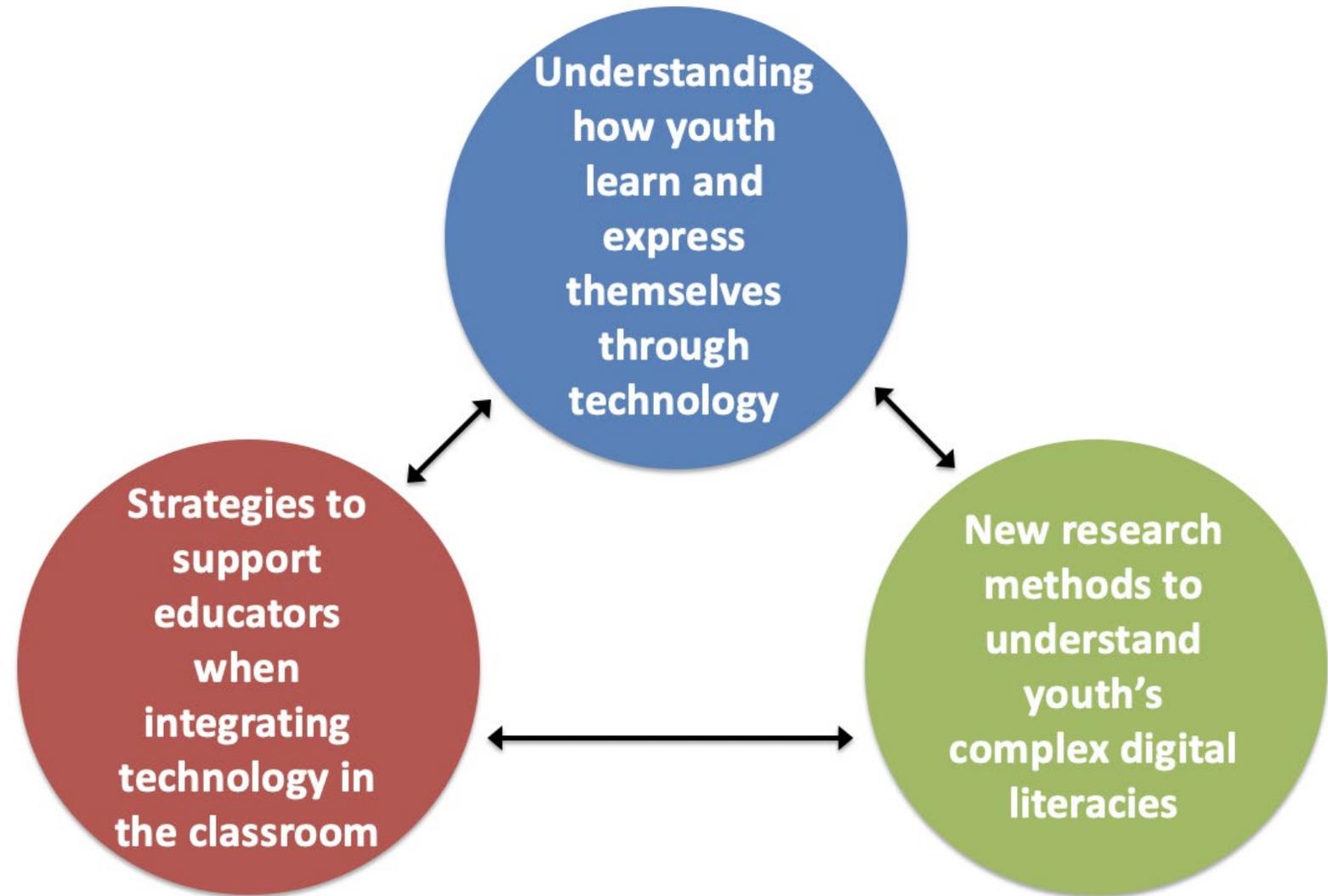


# Cultivate Research & Practice Opportunities



**DIALL Podcasting Bay & Audio Recording Capabilities**

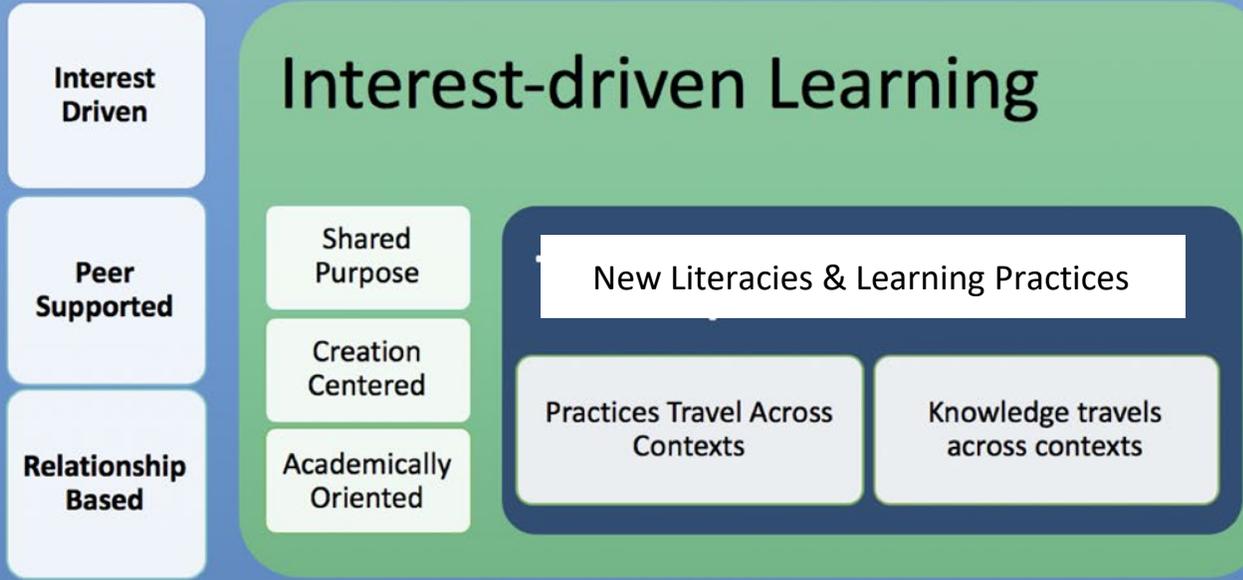
# Blaine's Digital Literacies Research





# Jill's Digital Literacies Research

Critical, Creative, Collaborative Inquiry



Social and Community  
Change



# Research: Innovative Learning Environments Equity and Inclusion



Shared Knowledge Networks

Connecting Face-to-Face  
and Virtually



Digitally-Distributed Networking

Equity and Inclusion



Enhanced Access



Participants gathered at Arizona's Biosphere 2 Feb. 25-28,  
2019

## Principles for Equity-centered Design of STEAM Learning-through-Making

# Designing and Implementing International Immersive Virtual Field Experiences (IIVFE)

Connecting students & teachers to the world.

By weaving global competence into school and teacher experiences, we seek to engage and inspire a meaningful connection to the world.

**LONGVIEW  
FOUNDATION**



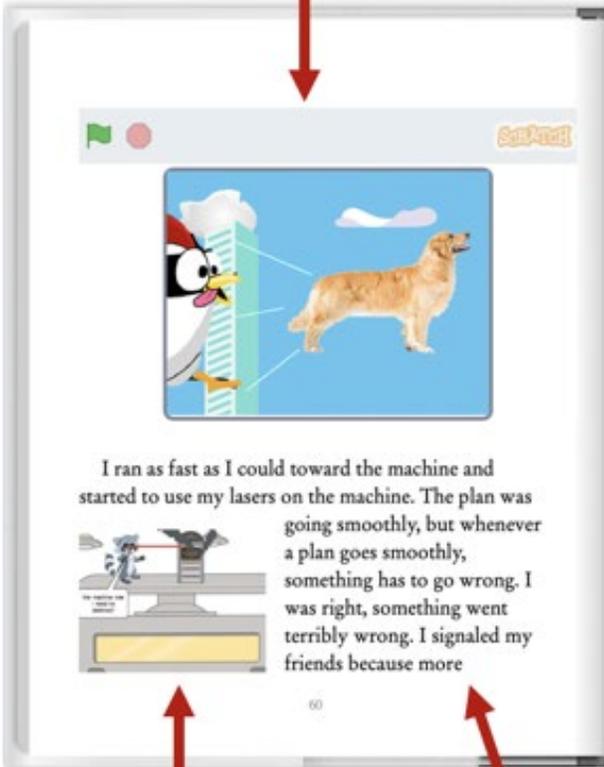
[Janeé LaFuze Virtual Field Experience In Zimbabwe](#) (an immersive experience integrating music, narration, and first hand accounts of her learning experiences)

# Multimodal Meaning-Making: Digital Projects in the ELA Classroom



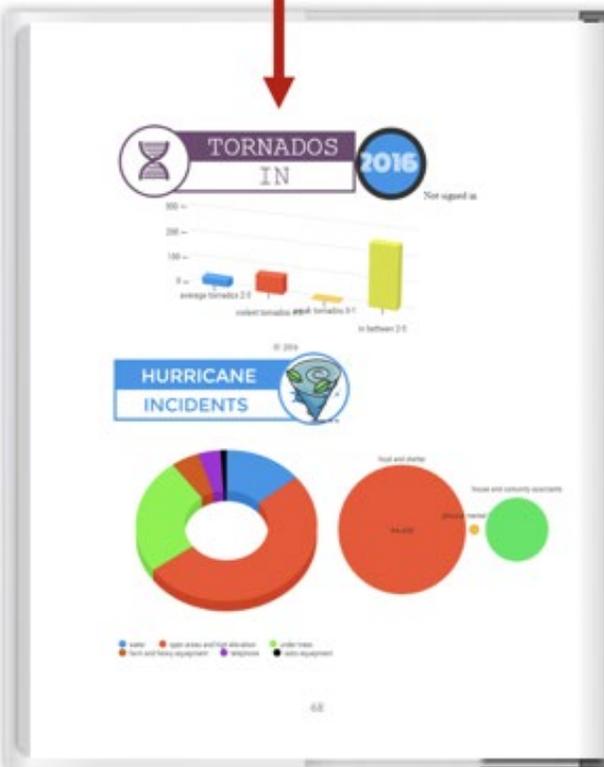
# Multimodal Meaning-Making: Problem-Solving Climate Change through Digital Sci-Fis

Scratch animation



Comic

Infographics



Written sci-fi narrative



Cover

# Critical Making Cultures & Practices National Research Coordination Network



Em Bowen



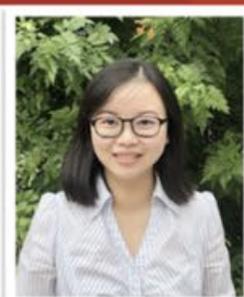
Veronica Oguilve



Yousra  
Abourehab



Wen  
Wen



Edna Tan, University  
of North Carolina at  
Greensboro



Cynthia Graville,  
M.Ed, Saint Louis  
University



Jill Castek



Eli Tucker-Raymond,  
Boston University



Elizabeth  
Gaxiola



Amanda  
Bermudez



Maria Olivares,  
Boston  
University



Together with a steering committee of 13 prominent researchers and practitioners

# DIALL is Everyone's Space

## Grad, Masters, and Undergraduate Student Connections

Amanda Bermudez: Food Memories  
TLS 515: Learning and New Media

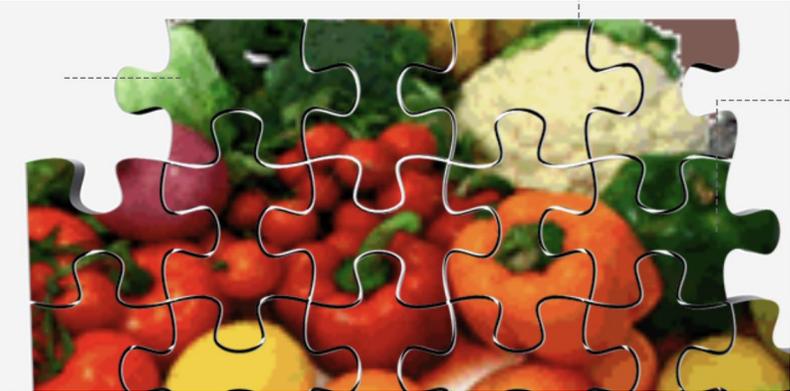


Veronica Ogulve & Laurie Sheldon  
Peanut Butter Falcon Podcast  
TLS 515: Learning and New Media

Chris Sanderson, Sam Frantz, Wen Wen  
Pre-Service Teacher and L3 Immersive Virtual Field Trips  
TLS 318: Teaching and Learning with New Technologies

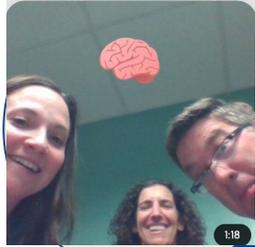


Fighting Hunger at the UA Food Pantry  
Digital Activism Campaign  
Whole Class Advocacy and Outreach  
TLS 430/530: Literacy/Technology





Digital Innovation and Learning Lab



Research Goals



College of Education Goals



Community Partnership Goals

# Video & Resources on DIALL's Website

<https://diall.coe.arizona.edu/>

## Contact Us

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