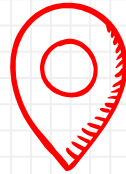


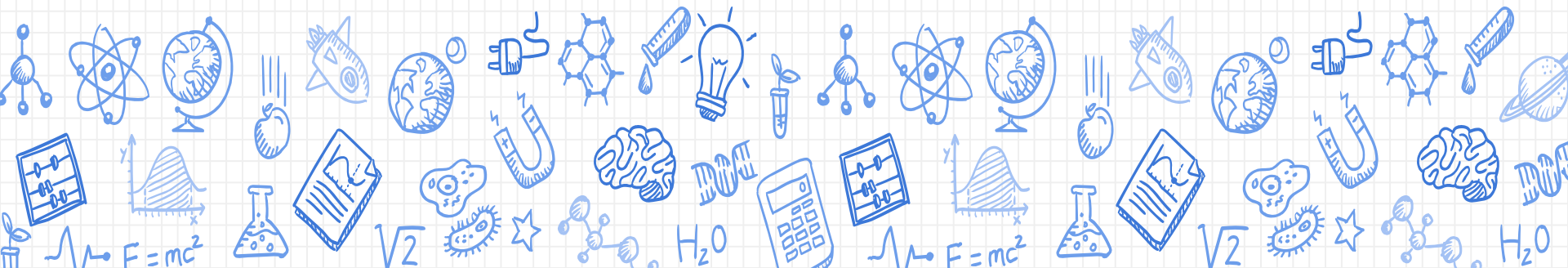
# Nicholas Keith

 NKeithBlend

Blended Learning Specialist | Lancaster ISD



Please go to ***LISDtraining.weebly.com*** & select the name of today's session.



A decorative background featuring a network diagram with nodes and connecting lines. The nodes are represented by circles of varying sizes and colors (gray, blue, and white), connected by thin gray lines. The diagram is positioned in the top-left and bottom-right corners of the slide.

Using **Google Apps** to  
Drive

# Communication & Collaboration

# Training Website

## LISDtraining.weebly.com

**Select**

**T-STEM Summer Leadership Institute**  
**Google Apps**

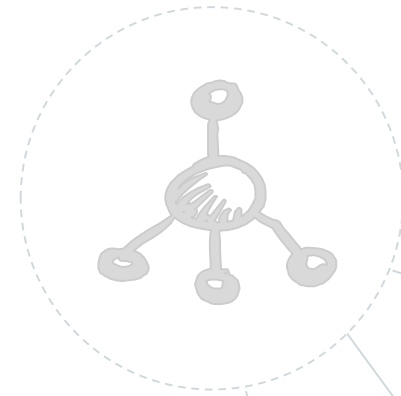
***Please sign in***





# Session Structure

1. **T-STEM Connection**
2. **Overview of Google Apps**
3. **Modeling**
4. **Creation**
5. **Questions**





## The Google Apps/T-STEM Connection

☆ Please select “The T-STEM Connection.”

Read the excerpts of the T-STEM Blueprint.

Purpose for reading:

**How does Google Apps align with the goals of the T-STEM Blueprint?**



# The Google Apps/T-STEM Connection



# Google Drive

## Then

1. Local storage
2. Email revisions
3. Countless copies
4. Endless frustration

## Now

1. Cloud storage
2. Shared access
3. ONE copy
4. Secure
5. View, comment or edit



# Google Drive

## Practically Speaking

### 1. Staff

Keep important documents in a shared folder (PBL templates, protocols)

### 2. Parents

Share the link to a viewable document (instead of newsletters)

### 3. Students

Create collaborative presentation, docs, etc. by allowing editing





# Google Docs

☆ Please select “Docs.”

Select a row and enter your name.

In the second column, enter the most useful idea you’ve learned at the T-STEM Summer Institute.



# Google Docs

## Then

1. One document
2. One person at a time
3. No way to sync changes
4. Email or USB drive for sharing

## Now

1. Cloud storage
2. Multiple collaborators
3. Link to share
4. Downloaded in any format
5. Revision history



# Google Docs

## Practically Speaking

### 1. Staff

Collaborative meeting notes

### 2. Parents

Share student work (view only)

### 3. Students

Know/Need to Know

Collaborate on resources



# Google Sheets

## Practically Speaking

### 1. Staff

Teachers enter data from assessments in individual tabs

### 2. Parents

Parent volunteer sign-ups

### 3. Students

Record experimental data for analysis



# Google Slides

## Then

1. Locally stored presentation
2. Multiple copies of revisions
3. Email to collaborate
4. Only accessible from email or USB drive

## Now

1. Cloud storage
2. One presentation
3. Contribute from anywhere
4. Downloaded in any format
5. Share/present online



# Google Slides

## Practically Speaking

### 1. Staff

Share info from meetings for reference

### 2. Parents

Career Connections - contribute a slide

### 3. Students

Collaborative lab reports

PBL Final Products/Presentations



# Google Forms

## Then

1. Collect parent forms
2. Manually enter data into spreadsheets
3. Hand graded assessment
4. Data in countless places

## Now

1. Create a form
2. Send a link
3. Collect the data
4. Automatically organized
5. Branching assessments
6. Include video/images
7. Automatic grading (Forms)



# Google Forms

## Practically Speaking

### 1. Staff

Campus climate surveys

### 1. Parents

Collect contact information

### 1. Students

Build Forms to collect data for research





# Group Up!

Please select **“Random Group Generator.”**

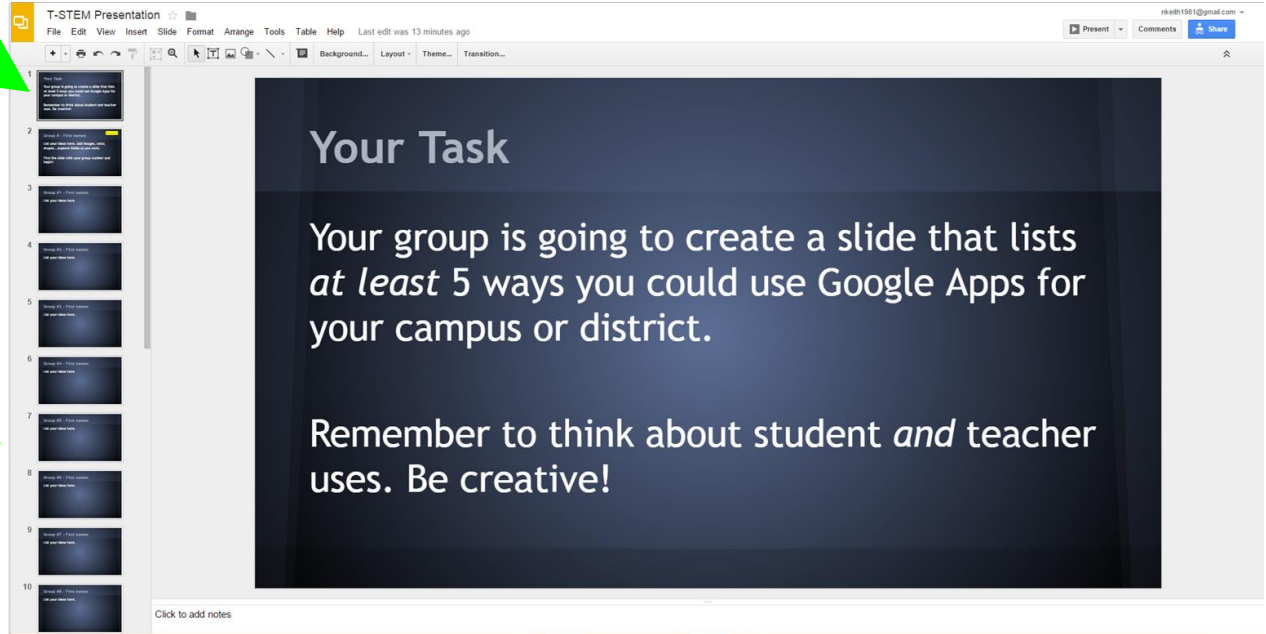


# Collaborate

 Please select **“Google Slides Presentation.”**



Slides 1 & 2  
give directions



The screenshot shows a Google Slides presentation interface. The title bar reads "T-STEM Presentation" and "Last edit was 13 minutes ago". The menu bar includes "File", "Edit", "View", "Insert", "Slide", "Format", "Arrange", "Tools", "Table", and "Help". The toolbar contains various editing tools. On the left, a slide thumbnail pane shows 10 slides. The main slide area displays a slide with a dark blue background and white text. The text on the slide reads: "Your Task", "Your group is going to create a slide that lists *at least* 5 ways you could use Google Apps for your campus or district.", and "Remember to think about student *and* teacher uses. Be creative!". At the bottom of the slide area, there is a "Click to add notes" prompt.

Find the slide with  
your group #

# Work Time

1 slide - 5 uses - 7 minutes

# Thanks!

## Any questions?

You can find me at:

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