

Facilitating Inquiry-Based Learning with Google Apps for Education

<https://goo.gl/wWCVnb>

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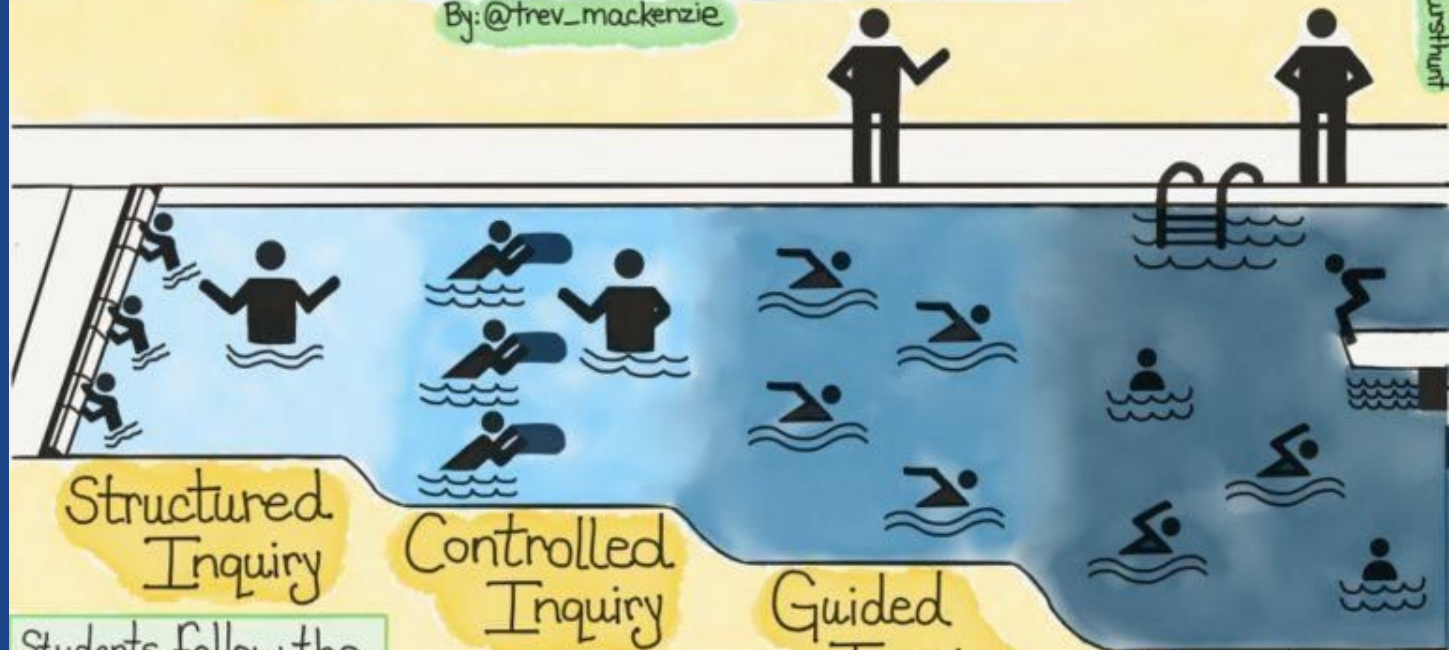
Guiding Questions

- What is inquiry-based learning?
- How can inquiry-based learning be scaffolded and supported?
- How can I implement inquiry-based learning in the classroom?
- How do I use Google Sites?

Types of Student Inquiry

By: @trev_mackenzie

@rboothursthurl



Structured Inquiry

Students follow the lead of the teacher as the entire class engages in one inquiry together.

Controlled Inquiry

Teacher chooses topics and identifies the resources students will use to answer questions.

Guided Inquiry

Teacher chooses topics/questions and students design product or solution.

Free Inquiry

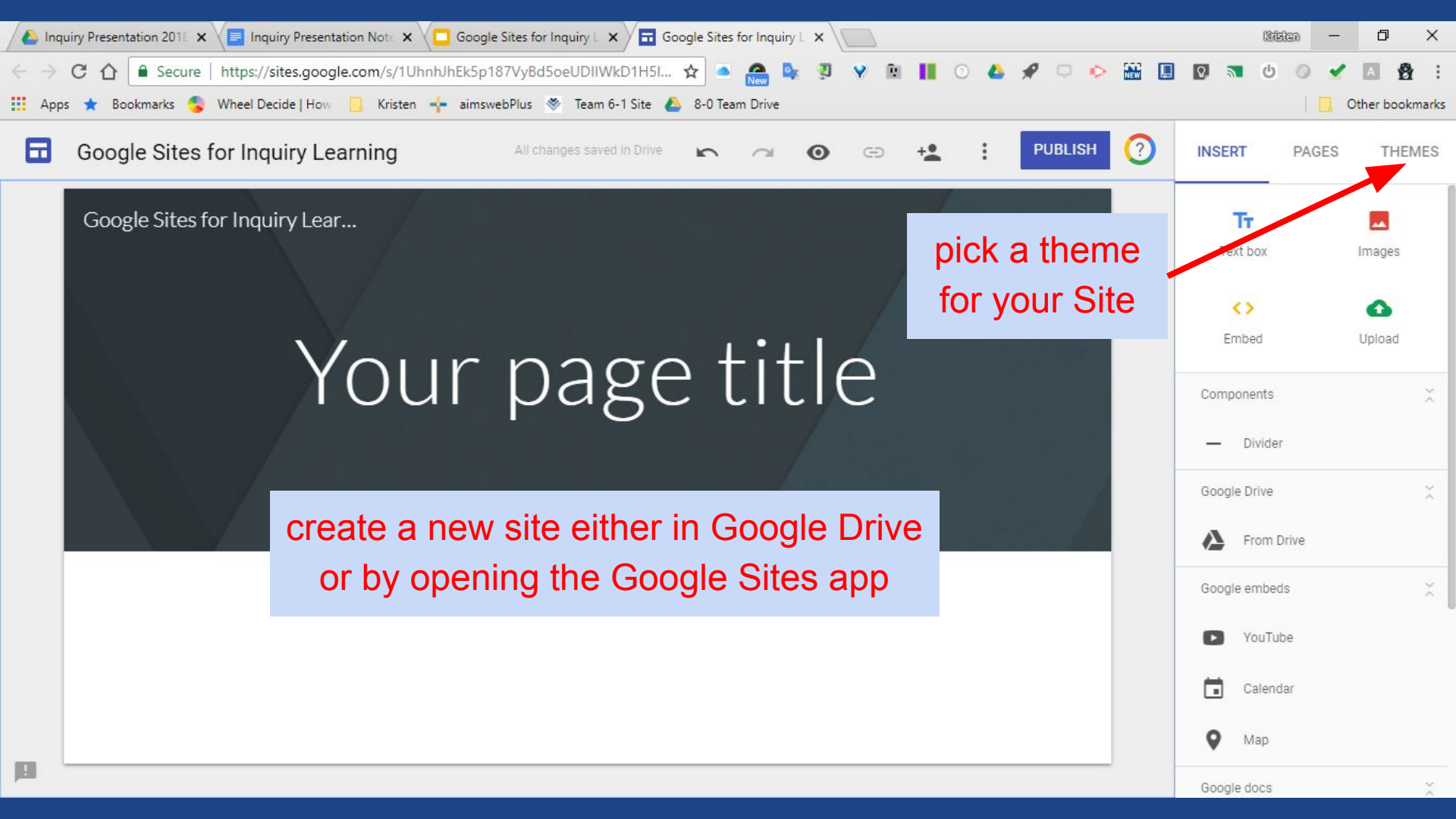
Students choose their topics without reference to any prescribed outcome.

How Google Sites can be used to facilitate inquiry-based learning:

<https://sites.google.com/ipisd.org/sites-inquirylearning-howto/home>

Using Google Sites: The Basics

- Creating a Site
- Appearance & Themes
- Adding Pages
- Adding Content
- Adding Links
- Embedding Content
- Publishing a Site



create a new site either in Google Drive
or by opening the Google Sites app

pick a theme
for your Site

Google Sites for Inquiry

Title ▾ [list icon] [link icon] [trash icon]

Using Google Sites to Manage Inquiry Learning

[Change image ▾] [Header type]

INSERT PAGES THEMES

Text box Images

Embed Upload

Components >>

— Divider

Google Drive >>

From Drive

Google embeds >>

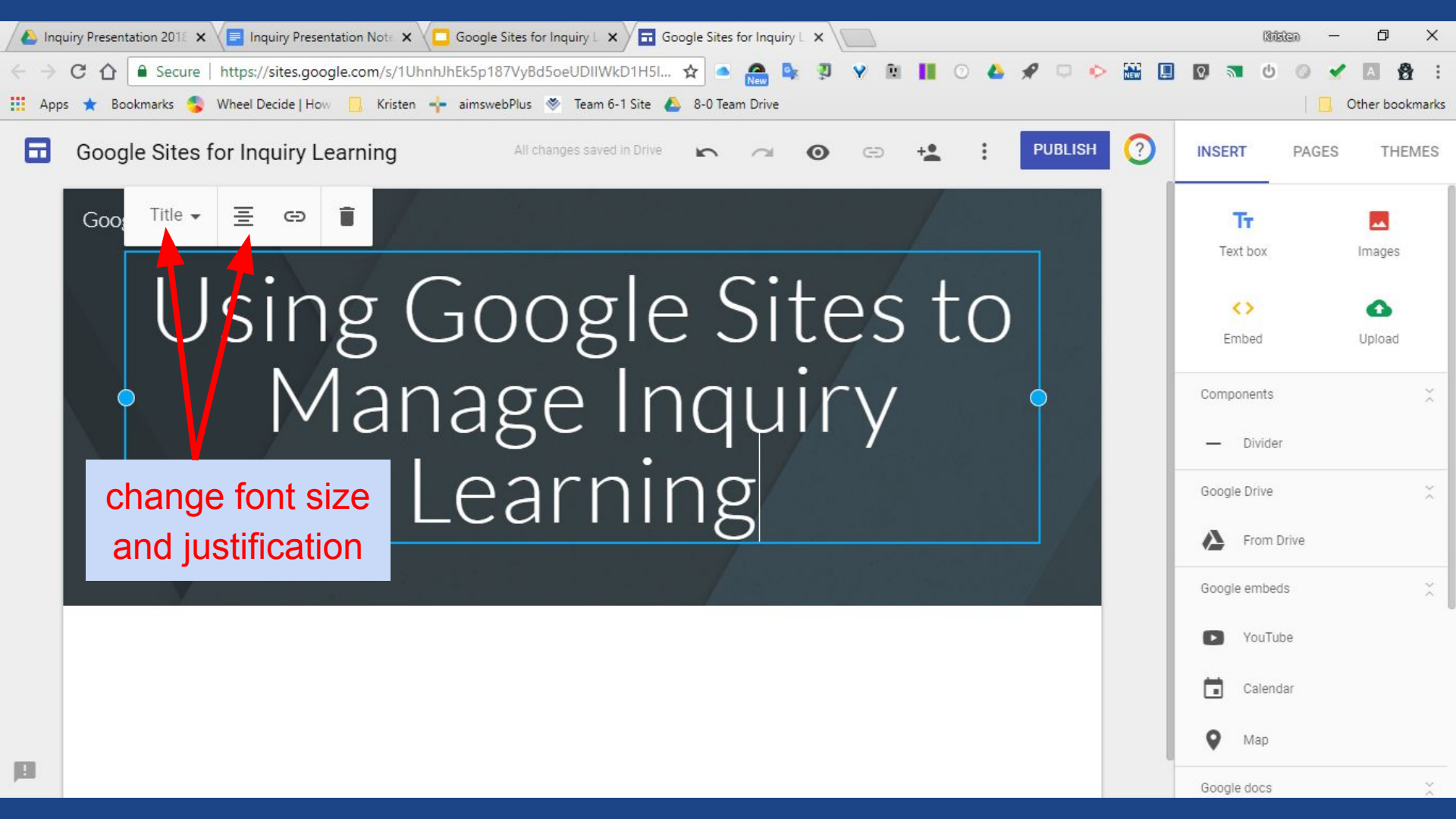
YouTube

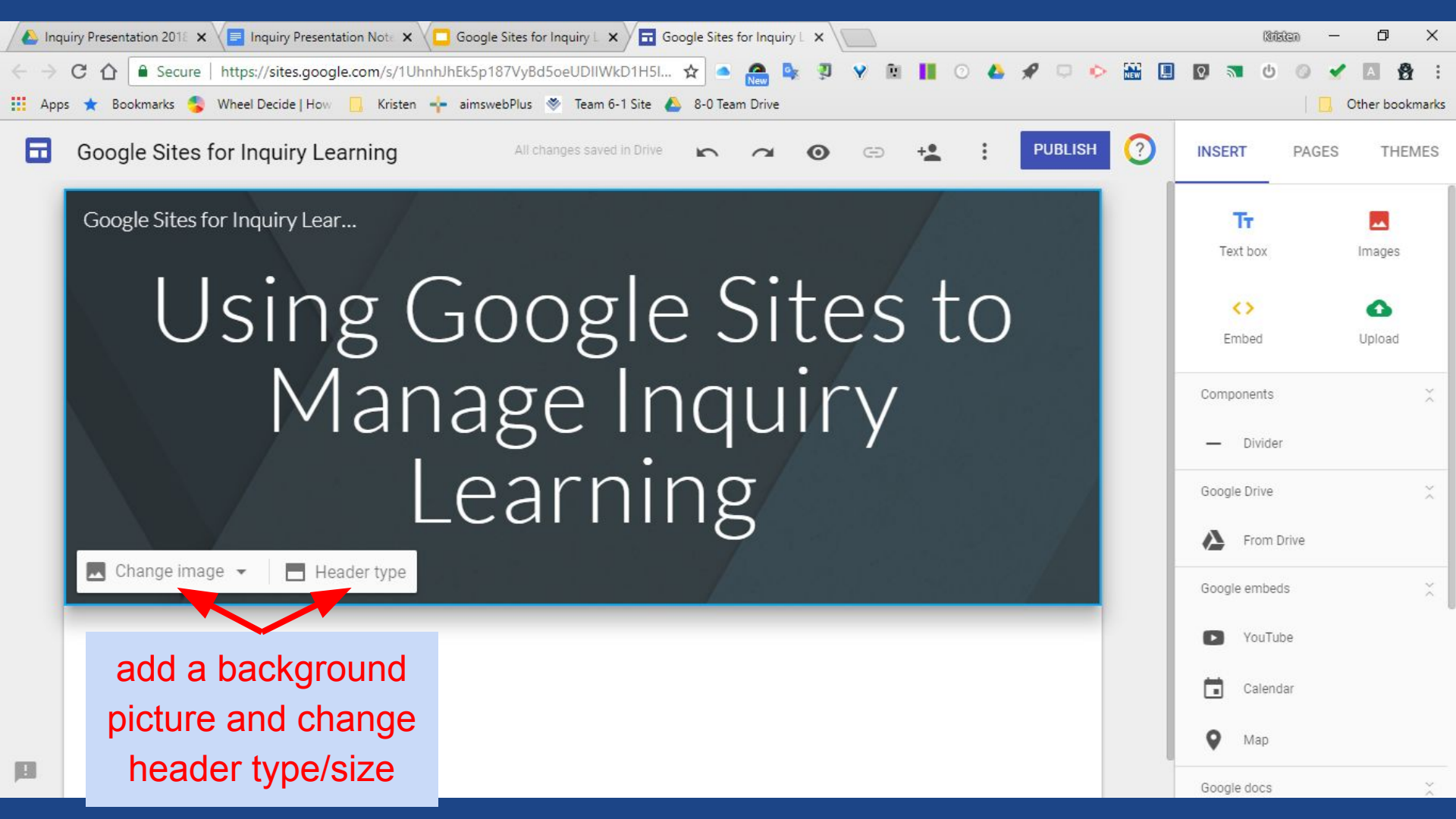
Calendar

Map

Google docs >>

resize textbox to help title fit by clicking and dragging





Google Sites for Inquiry Lear...

Using Google Sites to Manage Inquiry Learning

Change image Header type

add a background picture and change header type/size

INSERT PAGES THEMES

Text box

Images

Embed

Upload

Components

Divider

Google Drive

From Drive

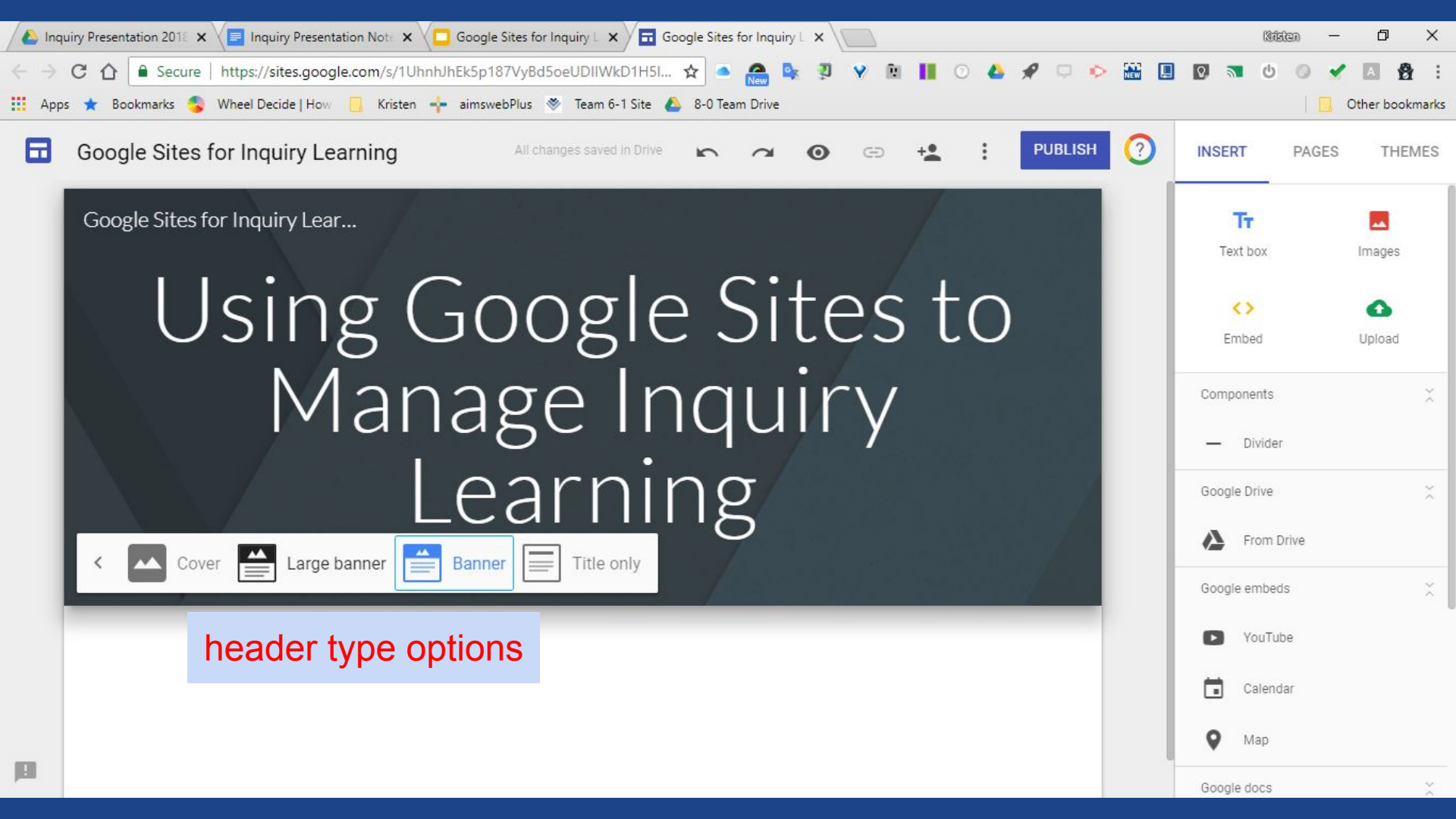
Google embeds

YouTube

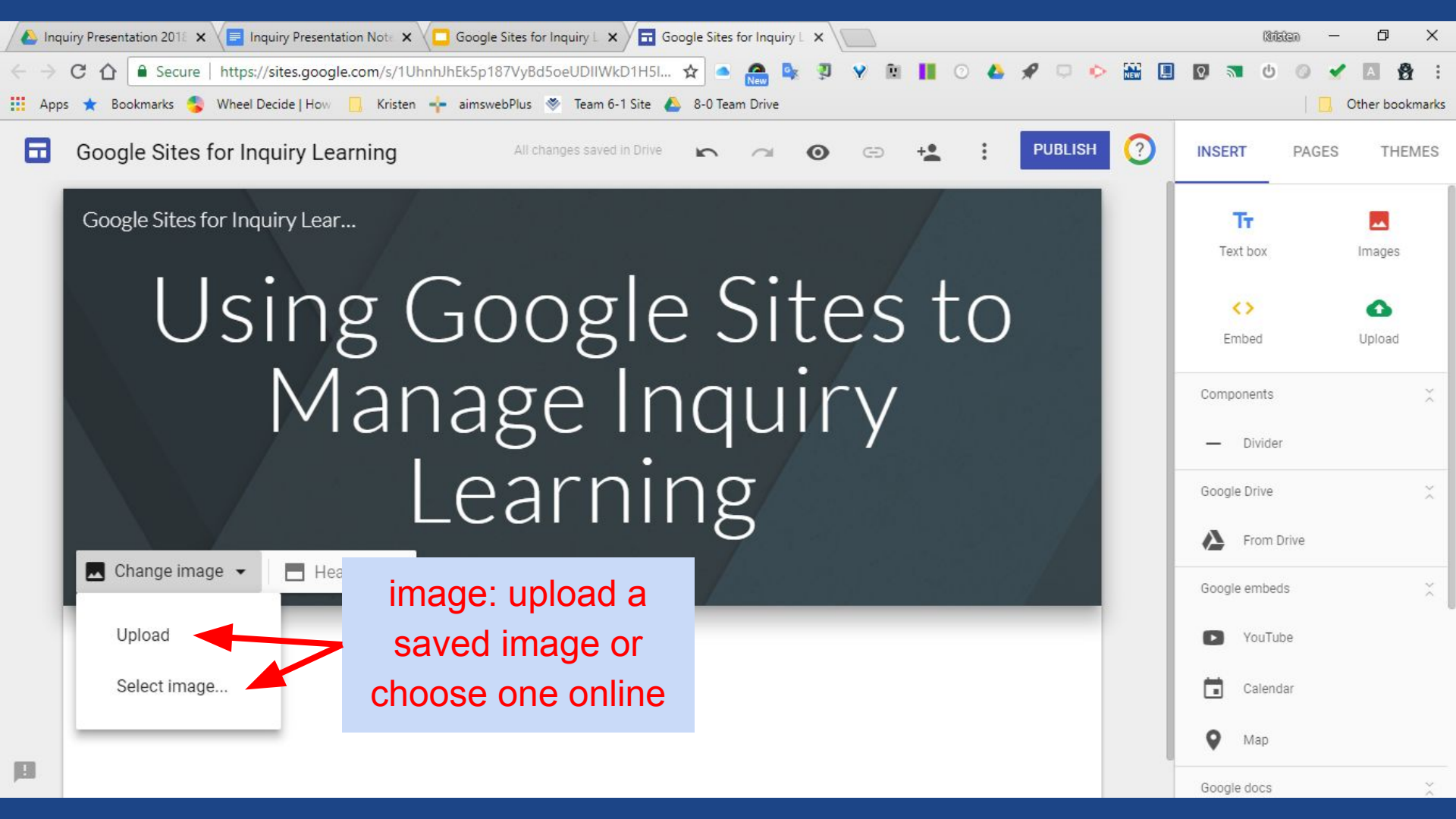
Calendar

Map

Google docs



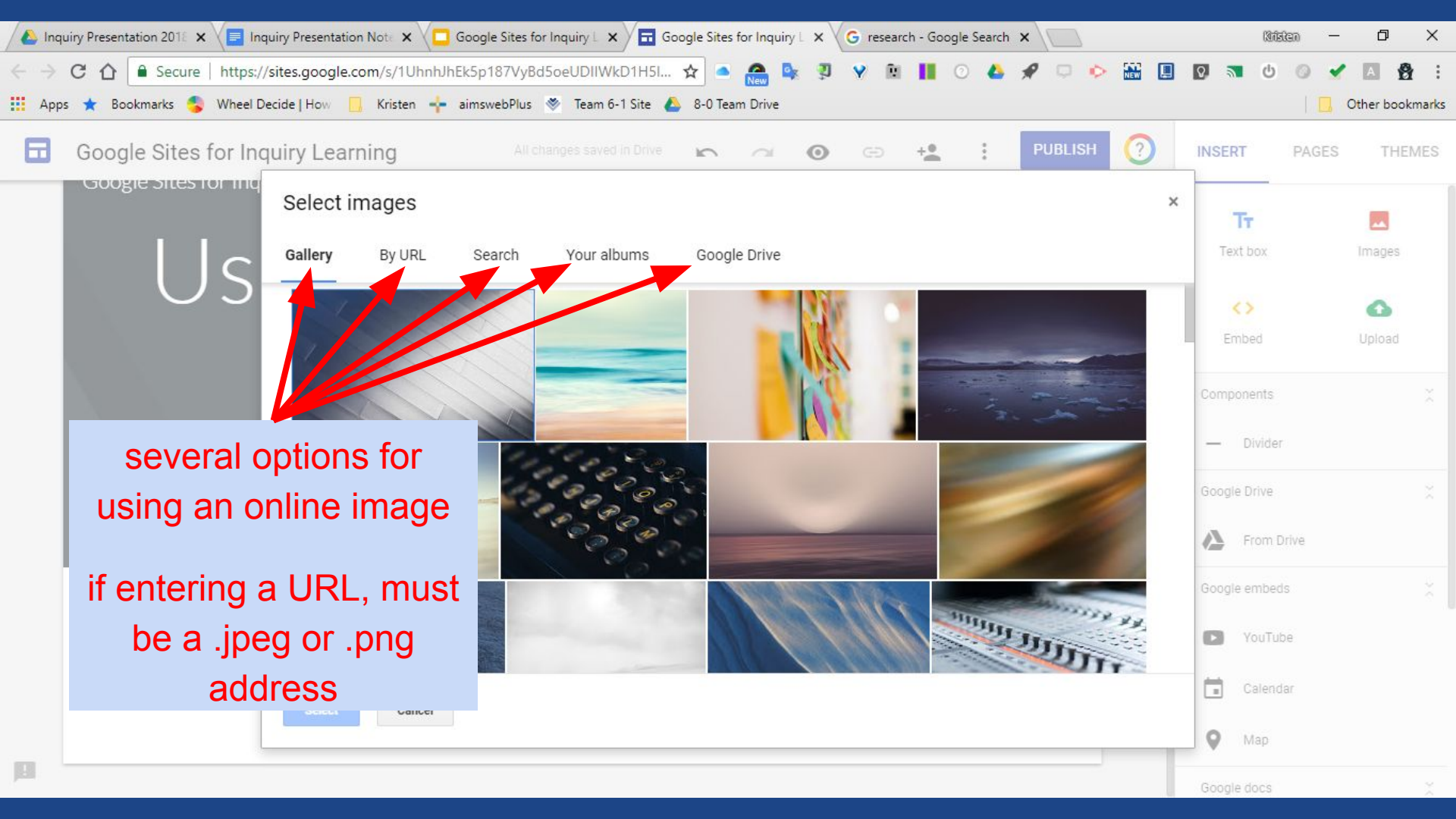
header type options



Using Google Sites to Manage Inquiry Learning

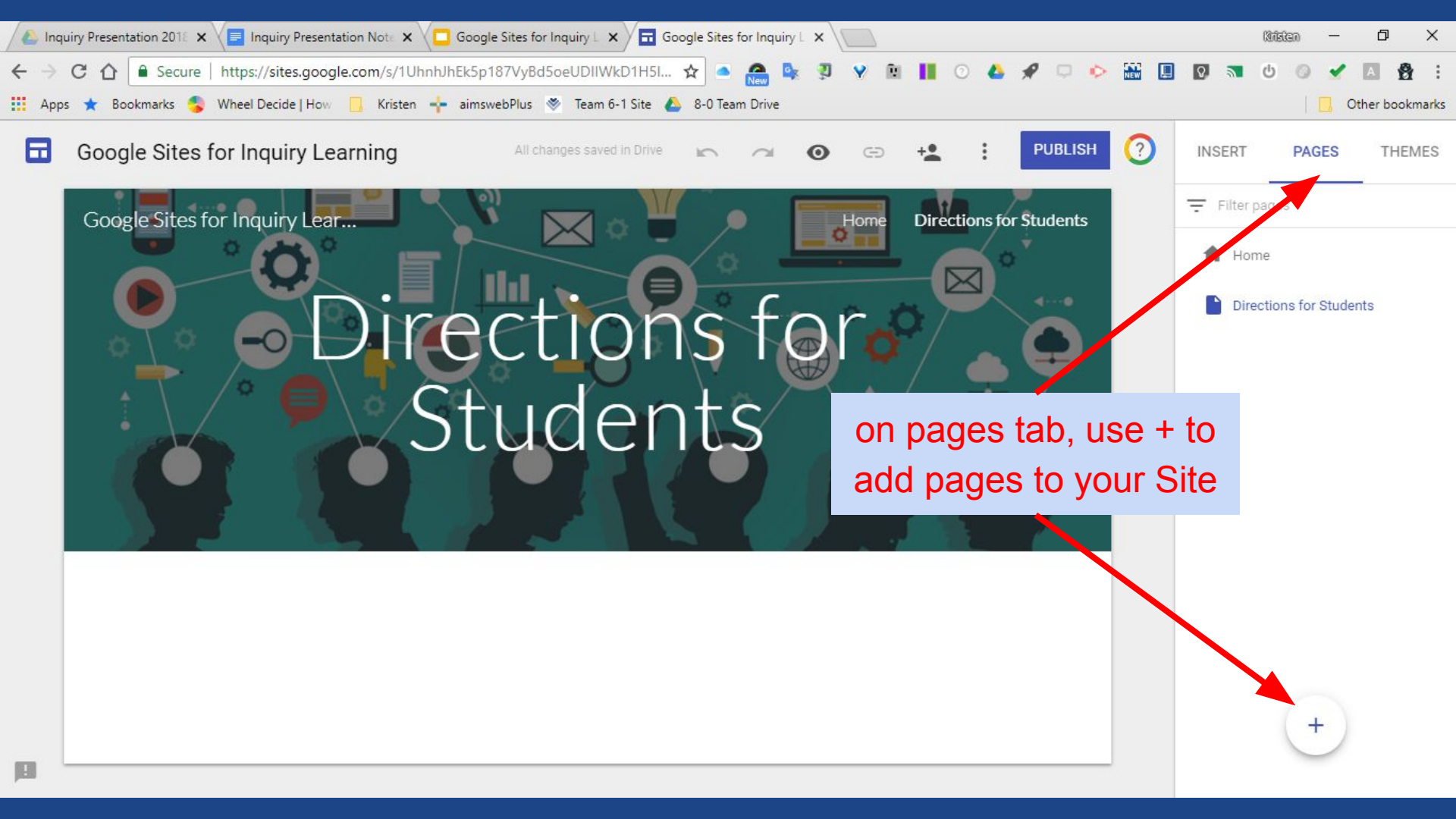
image: upload a saved image or choose one online

- Change image
- Upload
- Select image...



several options for
using an online image

if entering a URL, must
be a .jpeg or .png
address



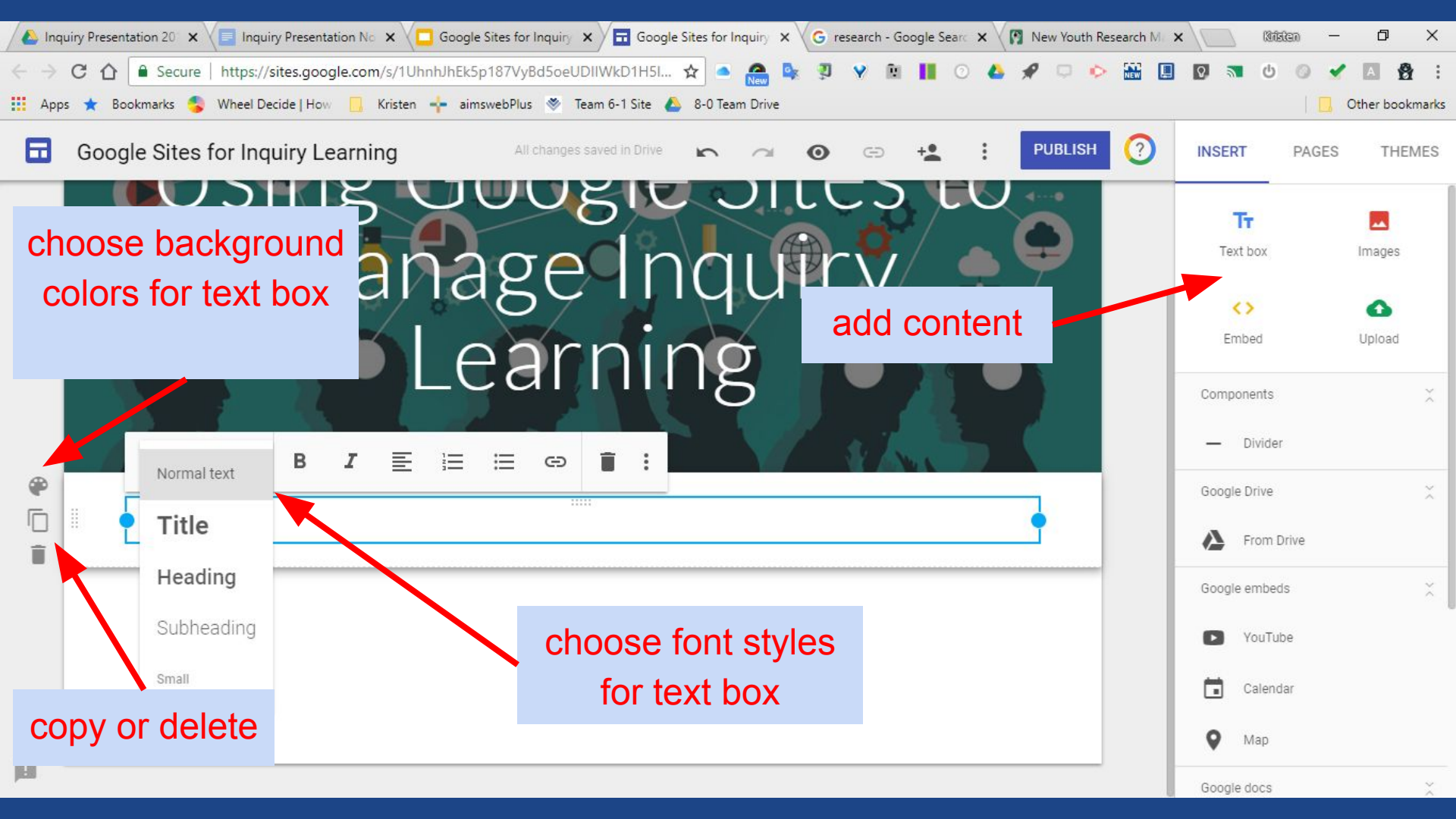
Google Sites for Inquiry Lear...

Directions for Students

on pages tab, use + to add pages to your Site

- Filter pages
- Home
 - Directions for Students





choose background
colors for text box

add content

copy or delete

choose font styles
for text box

Inquiry Presentation Note x Google Sites for Inquiry L x Google Sites for Inquiry L x

Secure | https://sites.google.com/s/1UhnJhEk5p187VyBd5oeUDIIWkD1H5I... ☆

Apps ★ Bookmarks Wheel Decide | How Kristen aimswebPlus Team 6-1 Site 8-0 Team Drive Other bookmarks

Google Sites for Inquiry Learning All changes saved in Drive PUBLISH ?

INSERT PAGES THEMES

Text box Images

Embed Upload

Components

Divider

Google Drive

From Drive

Google embeds

YouTube

Calendar

Map

Show all x

Types of Student l....png ^

Learning

Inquiry Learning Overview

What is Inquiry-Based Learning?

THINKING TO MAKE MEANING

embed YouTube videos (by URL or search option)

Inquiry Presentation 2018 x Inquiry Presentation Noti x Google Sites for Inquiry L x Google Sites for Inquiry L x

Secure | https://sites.google.com/s/1UhnHJhEk5p187VyBd5oeUDIIWkD1H5I... ☆

Apps ★ Bookmarks Wheel Decide | How Kristen + aimswebPlus Team 6-1 Site 8-0 Team Drive | Other bookmarks

Google Sites for Inquiry Learning All changes saved in Drive Undo last action PUBLISH ?

INSERT PAGES THEMES

Text box Images Embed Upload

Components

Divider

Google Drive

From Drive

Google embeds

YouTube

Calendar

Map

Google docs

Guided Inquiry

Free Inquiry

Assessing Learning - Summative Performance Tasks

Additional Resources

Normal text B I [List Icons] [Link Icon] [Trash Icon] [More Icon]

What the Heck Is Inquiry-Based Learning?

4 https://www.edutopia.org... le for Teachers

Edit link

edit text shown and links

hyperlink text to online resources

Inquiry Presentation 2018 x Inquiry Presentation Noti x Google Sites for Inquiry L x Google Sites for Inquiry L x

Secure | https://sites.google.com/s/1UhnHjEk5p187VyBd5oeUDIIWkD1H5I... ☆

Apps ★ Bookmarks Wheel Decide | How Kristen + aimswebPlus Team 6-1 Site 8-0 Team Drive | Other bookmarks

Google Sites for Inquiry Learning

All changes saved in Drive

PUBLISH ?

INSERT PAGES THEMES

- Guided Inquiry
- Free Inquiry

Assessing Learning - Summative Performance Tasks

Additional Resources

Normal text ▼ **B** *I* [List icons] [Link icon] [Trash icon] [More icon]

- What the Heck Is Inquiry-Based Learning?
-

Text

What the Heck Is Inquiry-Based Lear

Link

[ed-learning-heather-wolpert-gawron](#) **APPLY**

edit text shown and links

Components

- Divider

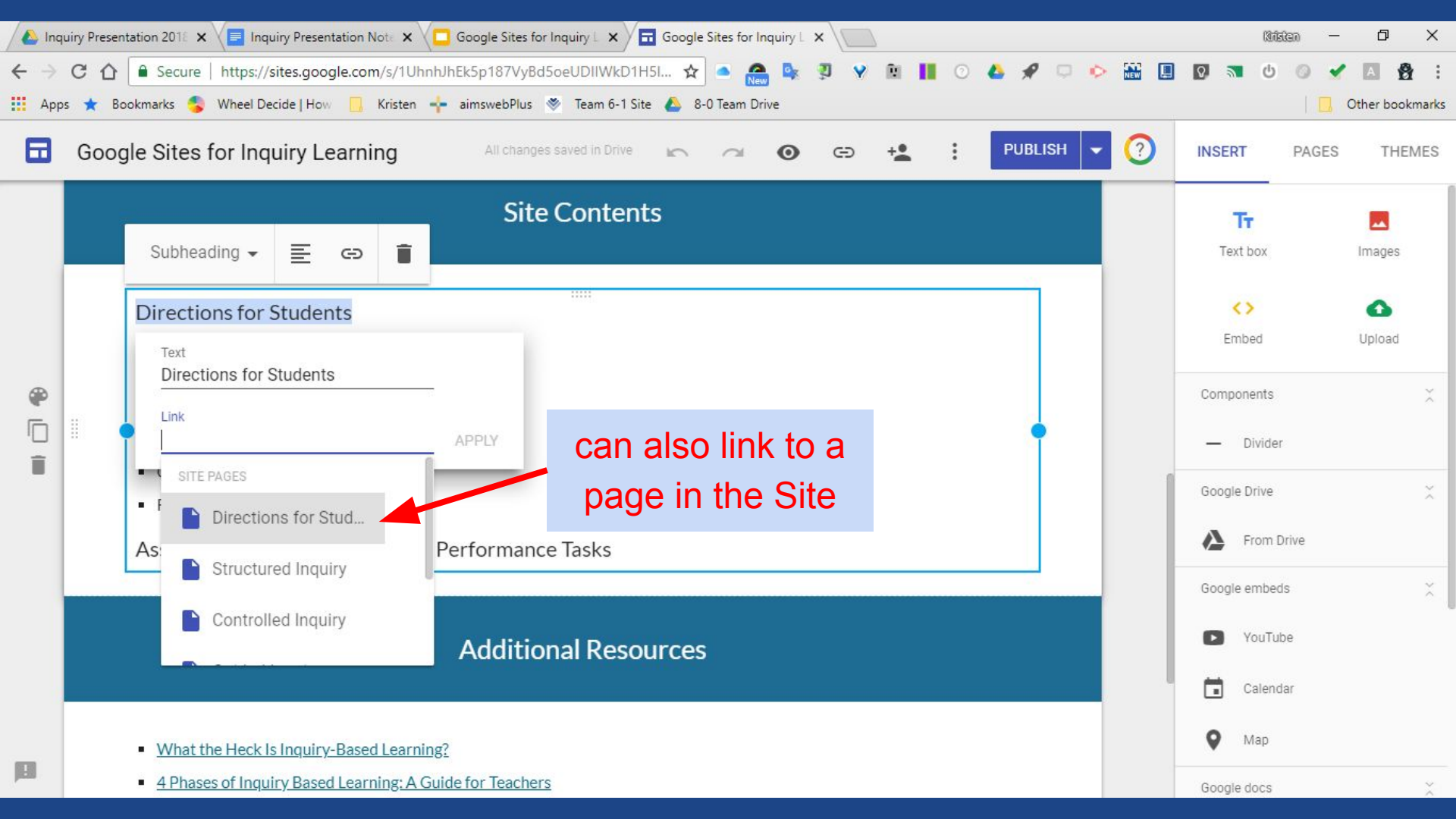
Google Drive

- From Drive

Google embeds

- YouTube
- Calendar
- Map

Google docs



Site Contents

Subheading ▾



Directions for Students

Text

Directions for Students

Link

APPLY

SITE PAGES



Directions for Stud...



Structured Inquiry



Controlled Inquiry

can also link to a page in the Site

Performance Tasks

Additional Resources

- [What the Heck Is Inquiry-Based Learning?](#)
- [4 Phases of Inquiry Based Learning: A Guide for Teachers](#)

INSERT

PAGES

THEMES



Text box



Images



Embed



Upload

Components

— Divider

Google Drive



From Drive

Google embeds



YouTube



Calendar



Map

Google docs

Inquiry Presentation 2018 x Inquiry Presentation Not x Google Sites for Inquiry L x Google Sites for Inquiry L x

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Apps ★ Bookmarks Wheel Decide | How Kristen + aimswebPlus Team 6-1 Site 8-0 Team Drive | Other bookmarks

Drive

Search Drive

My Drive > Professional Development > Inquiry Presentation 2018-2019

Name ↑ Owner Last modified Size

Best Google Font Pairings for e-Worksheets	me	Aug 2, 2018 me	—
Center for Inspired	me	Aug 2, 2018 me	119 KB
Google Sites for I	me		
Google Sites for I	me		
Inquiry Presentati	me		
SS Inquiry Unit Ru	me		

Preview
Open with
Share...
Get shareable link
Move to...
Add star
Rename...
View details
Make a copy
Download
Remove

if linking to a file on Google Drive, must remember to turn on link sharing

choose the link
security setting
appropriate for
your district

Link sharing

- ☐  **On - Public on the web**
Anyone on the Internet can find and access. No sign-in required.
- ☒  **On - Anyone with the link**
Anyone who has the link can access. No sign-in required.
- ☐  **On - Indian Prairie School District**
Anyone at Indian Prairie School District can find and access.
- ☐  **On - Anyone at Indian Prairie School District with the link**
Anyone at Indian Prairie School District who has the link can access.
- ☐  **Off - Specific people**
Shared with specific people.

Access: **Anyone (no sign-in required)** [Can view](#) ▼

Note: Items with any link sharing option can still be published to the web. [Learn more](#)

Save

Cancel

[Learn more about link sharing](#)

Inquiry Presentation 2018 x Inquiry Presentation Not... x Google Sites for Inquiry L x Google Sites for Inquiry L x

Secure | <https://sites.google.com/s/1UhnHJhEk5p187VyBd5oeUDIIWkD1H5I...>

Apps | Bookmarks | Wheel Decide | How | Kristen | aimswebPlus | Team 6-1 Site | 8-0 Team Drive | Other bookmarks

Google Sites for Inquiry Learning


All changes saved in Drive

PUBLISH

INSERT PAGES THEMES

- Scaffolding guided inquiry activities for students with learning challenges

Content Examples



Neolithic Farming Tools

Image 1: An ax (bottom) used for clearing, flint sickles (top right) used for harvesting cereal crops, and a flat rock and stone (top left) used for grinding flour.
Created for the New York K-12 Social Studies Toolkit by Agate Publishing, Inc., 2013.

can embed content from Google Drive as well (link sharing still needs to be turned on)

Components

- Divider
- Google Drive
 - From Drive
- Google embeds
 - YouTube
 - Calendar
 - Map
 - Google docs

All changes saved in Drive

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18

Good

TEAM DRIVES

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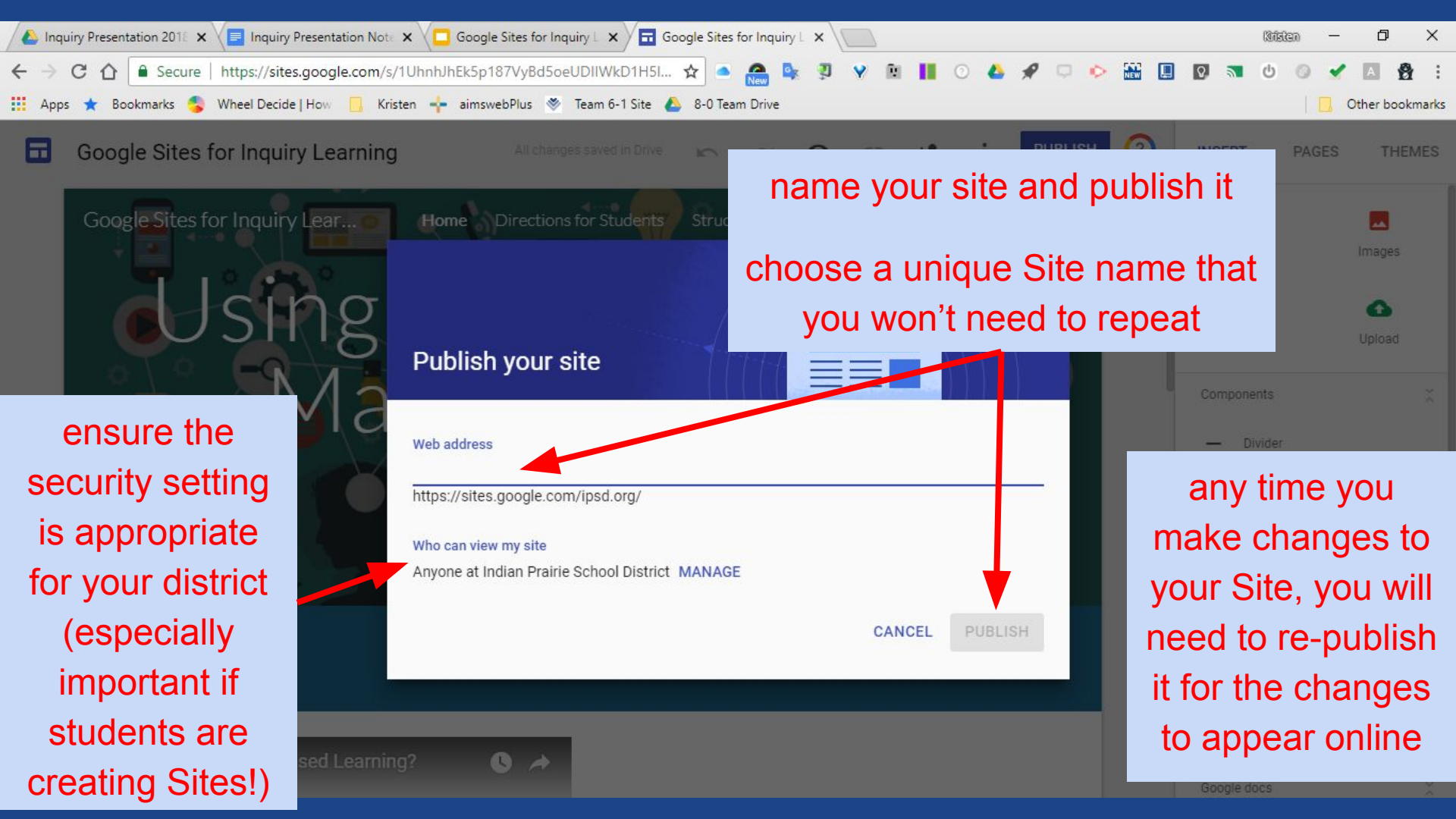
[illegible]

Controlled & Guided...

Controlled Inquiry: ...

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INSERT



name your site and publish it

choose a unique Site name that
you won't need to repeat

ensure the
security setting
is appropriate
for your district
(especially
important if
students are
creating Sites!)

any time you
make changes to
your Site, you will
need to re-publish
it for the changes
to appear online

Questions?

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Twitter: [@mrsotoolesclass](https://twitter.com/mrsotoolesclass)