

Add screenshot
images of a
couple sample
lessons

Forgot Password

Email:

Get new password

Check your email for a link.

If I can figure out how to add "Sign in with Google Classroom" functionality, this screen may change. I want it to work like Desmos does...

Connections

[←](#) [→](#) [✕](#) [🏠](#) [🔍](#)

Connections

Been here before?

Login

Email:

Password:

Login

[Forgot password?](#)

First time here?

Sign Up


* Name:

* Email:

* Password ?

* Re-type

Sign up

 Sign in with Google

A student would link to a student options page (if there are any) or directly to the lesson.

A teacher would link to a teacher dashboard.



https://new_password



Reset your password

* Password







* Re-type

Save Password


This screen only shows up if the teacher allowed students to choose.

Otherwise, it gets skipped and student goes right to the lesson screen.

Connections



https://student_option



Which would you prefer today?

☐ I want full credit for my ideas!

Everything you post will be labeled with your name.

☐ I prefer some privacy

Your teacher will still know which ideas belong to you.

Your classmates will see your posts labeled with:

Random Pseudonymn

That's my choice and I'm sticking with it!

If there's time, could add more options here...



https://student_dashboard



Student Dashboard

Enter the code your teacher gives you:

Let's go!

Students can access a lesson one of two ways:





- 1) use a link provided by the teacher
- 2) enter a code provided by the teacher

There's a lot of possibility in the future for this screen:


- creating/editing/viewing classes and class lists
- viewing class reports of which students posted in a particular lesson
- viewing an individual student report summary of their posts
- browsing/searching a "library" of lessons

...

Connections



https://teacher_dashboard



Teacher Dashboard

☐ Prepare a new lesson

☐ View student work on a lesson

Equations ▾

Equations

Lines

Tables

Points

☐ Post code for lesson on screen for students

Equations ▾

Equations

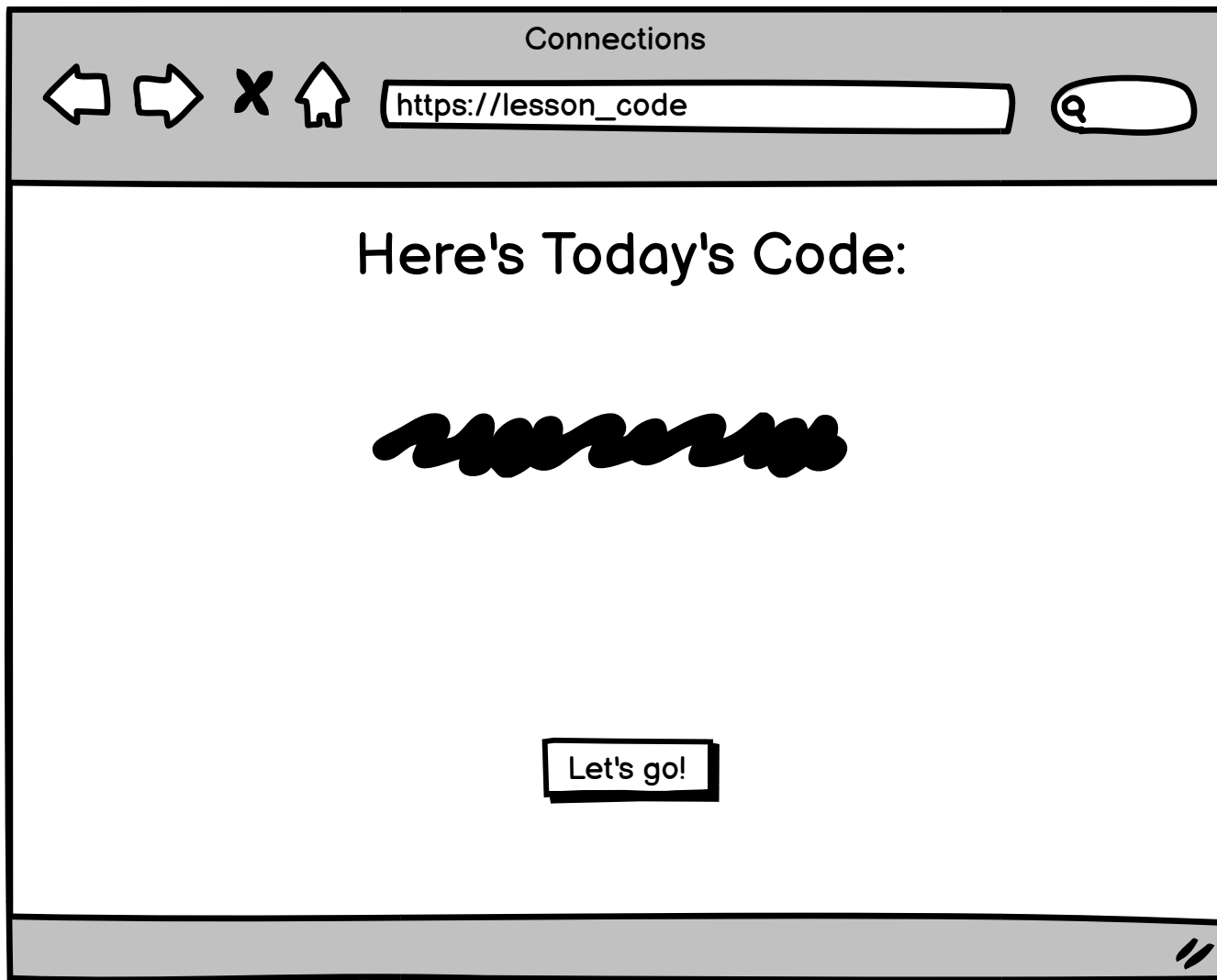
Lines

Tables

Points

Let's go!


Would go to the same screen the students see for that lesson but with teacher functions enabled.



Students can access a lesson one of two ways:

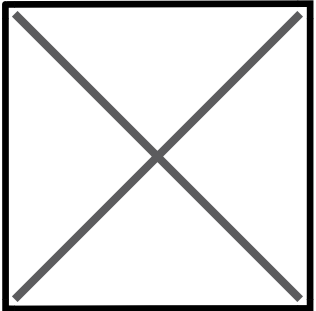
- 1) use a link provided by the teacher
- 2) enter a code provided by the teacher

Connections



https://solo_list_lesson/id

Q



What do you notice?

Make a list of 3 observations.

Student Name

1 --

2 --

3 --

Submit

Distance Learning:
Assign each part on a separate day

In-Class Learning:
What do students do while waiting for
classmates to post?

Is there some kind of little "game" for
students to play while waiting for
enough posts (if that's what the
teacher selected) before going to the
next screen?



https://thank_you



Thank you!

Go on to the next task on your list.

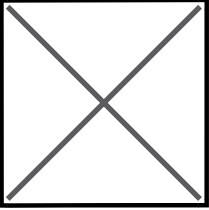
Have a fantastic day!

Logout



Connections

← → ✕ 🏠 🔍



What do you notice?

Below are your classmates' observations.
Read through them.

Select the 3 observations you think are most significant for our math thinking.

Student Name	Student Name	Student Name
💡 > 1 --	💡 > 1 --	💡 > 1 --
💡 > 2 --	💡 > 2 --	💡 > 2 --
💡 > 3 --	💡 > 3 --	💡 > 3 --

Is there a way to make lightbulb buttons invisible until class is ready for them?

Teacher Functions:

Student Names will be their real names and pseudonyms (if they are being used)

Option to delete a student's post (moderating for inappropriateness)

Button added to see student view of the screen. (It's always nice to know what students are seeing if it isn't exactly the same.)

Options to list student posts

- in alphabetical order
- by number of "likes"
- by posting time

😊 Of course!

I'm sure your observation is amazing; however, please highlight your classmates' great thinking for right now...

If a student selects one of their own ideas, this pops up.

I think this observation is significant because ...

Submit

Changed my mind...

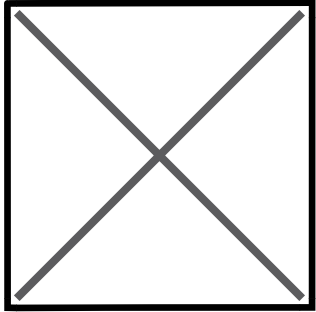
You can only select ____ posts...

Alerts if more than number requested are selected.

This opens when a light bulb is clicked to prompt for a justification.



https://solo_open_lesson/id



What do you notice?

Share what you observe about the image.

Student Name _____

I think...

Submit

Distance Learning:

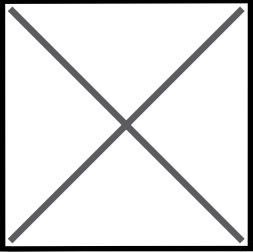
Assign each part on a separate day

In-Class Learning:

What do students do while waiting for
classmates to post?

Connections

https://solo_open_lesson/id/like



What do you notice?

Below are your classmates' observations.
Read through them.

Select the 3 observations you think are most significant for our math thinking.

💡 > [Student Name]	💡 > [Student Name]	💡 > [Student Name]
💡 > [Student Name]	💡 > [Student Name]	💡 > [Student Name]
[Student Name]	[Student Name]	[Student Name]

Teacher Functions:

Student Names will be their real names and pseudonyms (if they are being used)

Option to delete a student's post (moderating for inappropriateness)

Button added to see student view of the screen. (It's always nice to know what students are seeing if it isn't exactly the same.)

Options to list student posts

- in alphabetical order
- by number of "likes"
- by posting time

😊 Of course!

I'm sure your observation is amazing; however, please highlight your classmates' great thinking for right now...

If a student selects one of their own ideas, this pops up.

This makes me think that...

[Text Box]

Submit Changed my mind...

You can only select ____ posts...

Alerts if more than number requested are selected.

This opens when a light bulb is clicked to prompt for a justification.

Connections

https://connect_lesson/id

Q

How are these connected?

Make one or more conjectures about how these representations are related.

Your classmates' top observations are listed below each image in case that might give you ideas.

Observations:

Student Name





I think...

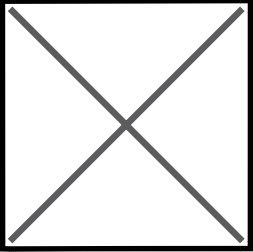
Submit

Observations:

Observations
populates with posts
from students in the
solo lessons

Connections

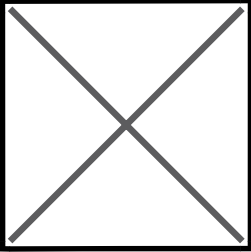









How are these connected?


Below are the class's conjectures.
Read through them.

Select the 3 conjectures you think
make the most sense mathematically.



 >

 >

 >

Teacher Functions:

Student Names will be their real names and pseudonyms (if they are being used)

Option to delete a student's post (moderating for inappropriateness)

Button added to see student view of the screen. (It's always nice to know what students are seeing if it isn't exactly the same.)

Options to list student posts

- in alphabetical order
- by number of "likes"
- by posting time

 Of course!

I'm sure your observation is amazing; however, please highlight your classmates' great thinking for right now...

If a student selects one of their own ideas, this pops up.

This makes me think that...

Submit

Changed my mind...

This opens when a light bulb is clicked to prompt for a justification.

You can only select ____ posts...

Alerts if more than number requested are selected.

https://new_lesson

Lesson Set-Up

Select a lesson:


ComboBox ▼

Preview and Edit

OR Create your own lesson:

Single Stand-Alone Lesson

Select type of student response desired:

- ☐ Open-ended response
- ☐ List with  items

Preview and Edit

Connect 2 Representations

Select the 2 lessons

Equations ▼

Equations


Lines

Tables


Points

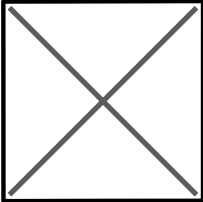
Preview and Edit

Connections



https://new_lesson/solo_list





What do you notice?

Make a list of at least 3 observations.

Student Name

1 --
2 --
3 --

Submit

Type of student names used: ☐ Actual Name
☐ Pseudonym
☐ Student Choice

Number of items in each student's list

Allow students to select top posts Yes ☒ No

Maxium number of posts they can select

Require a justification for each selection Yes ☒ No

Feel free to edit text in the justification prompt:

I think this observation is significant because...

Students select top posts in same session Yes ☒ No

Wait until posts have been submitted Yes ☒ No
before students can select posts.

Lesson Name:


Create [Previous](#) 

Image Placeholder allows teacher to insert image

Pseudonyms: randomly generated mathematician names or animal names with adjectives

Title and text are editable by teacher.

How can it link the number of observations required to the student list frame?

Asynchronous vs Synchronous
--
feels like too much for this project this time...

Connections

https://new_lesson/solo_open

What do you notice?

Share what you observe about the image.

Student Name

I think...

Submit

Type of student names used:

☐ Actual Name

☐ Pseudonymn

☐ Student Choice

Allow students to select top posts

Yes

☒

No

Maxium number of posts they can select

3

Require a justification for each selection

Yes

☒

No

Feel free to edit text in the justification prompt:

I think this observation is significant because...

Students select top posts in same session

Yes

☒

No

Wait until

3

posts have been submitted

Yes

☒

No

before students can select posts.

Lesson Name:

Create

[Previous](#)

Image Placeholder allows teacher to insert image

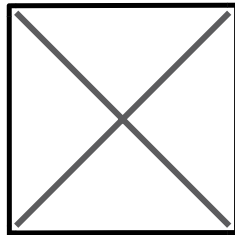
Pseudonyms: randomly generated mathematician names or animal names with adjectives

Title and text are editable by teacher.

How can it link the number of observations required to the student list frame?

Sentence starter is editable by teacher.

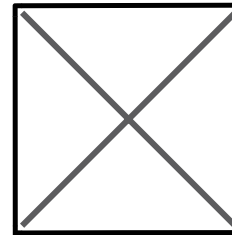
There is no list for this lesson but the database model will ask for number of items in the list. Enter 0!

https://new_lesson/connect

How are these connected?

Make one or more conjectures about how these representations are related.

Your classmates' top observations are listed below each in case that might give you ideas.



Observations:

Four horizontal bars for observations, alternating purple and white.

Student Name

I think...

Submit

Observations:

Four horizontal bars for observations, alternating purple and white.

Allow students to select top posts Yes ☒ No

Maximum number of posts they can select

Require a justification for each selection Yes ☒ No

Feel free to edit text in the justification prompt:

This makes me think that...

Students select top posts in same session Yes ☒ No

Wait until posts have been submitted Yes ☒ No
before students can select posts.

Lesson Name:

Create

[Previous](#)

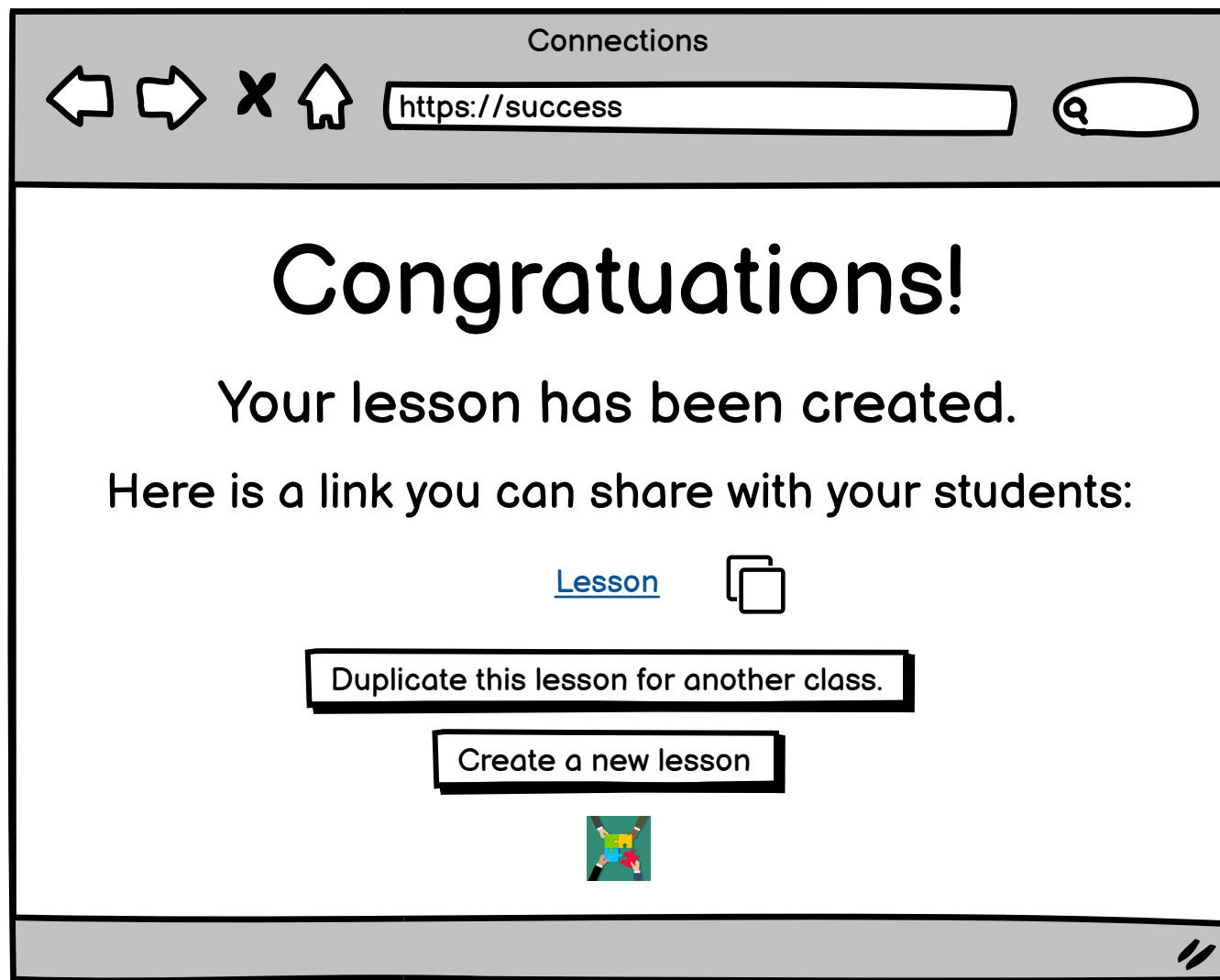


Two lessons selected on previous screen will load images automatically.

Student posts will load automatically if they exist (depends on whether the teacher creates this lesson before or after students have engaged with solo lessons). Posts are ordered according to descending number of "likes".

Title and text are editable by teacher

Sentence starter is editable by teacher



Duplicate would go back to the preview and edit screen but retaining all settings already selected.

New lesson would go back to the New Lesson screen



https://library



Create some way for teachers to
browse and search for lessons
-- only their own lessons
-- lessons posted by other
teachers

