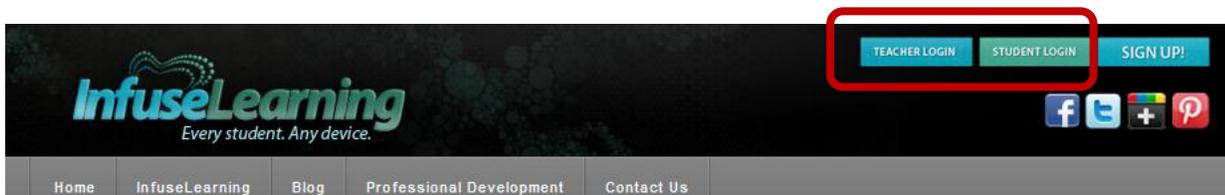


# Formative Assessment with Infuse Learning



Infuse Learning <http://www.infuselearning.com>

- Infuse learning is a web-based teacher-to-student Virtual Learner Response System that helps teachers make classes interactive by allowing students to respond to questions through their mobile phones, ipads, tablets or desktop computers.
- Teachers create a free account and are assigned a room number that students will access to participate in discussions and take quizzes.
- You can ask various types of questions such as open ended text, multiple choice questions, draw response. You can also create pre-prepared quizzes, setup classes, push out content with InfuseLink to student computers or iPads.
- Teachers see student responses in real time. Teachers can also deliver content such as images, files and websites to student devices.
- Multi-language feature: Students can read, listen and participate in their native language.
- Text to speech feature:
- Go to <http://infuselearning.com> and click on Teacher/Student Login
- Use Mozilla Firefox or Google Chrome web browser. Internet Explorer is not supported

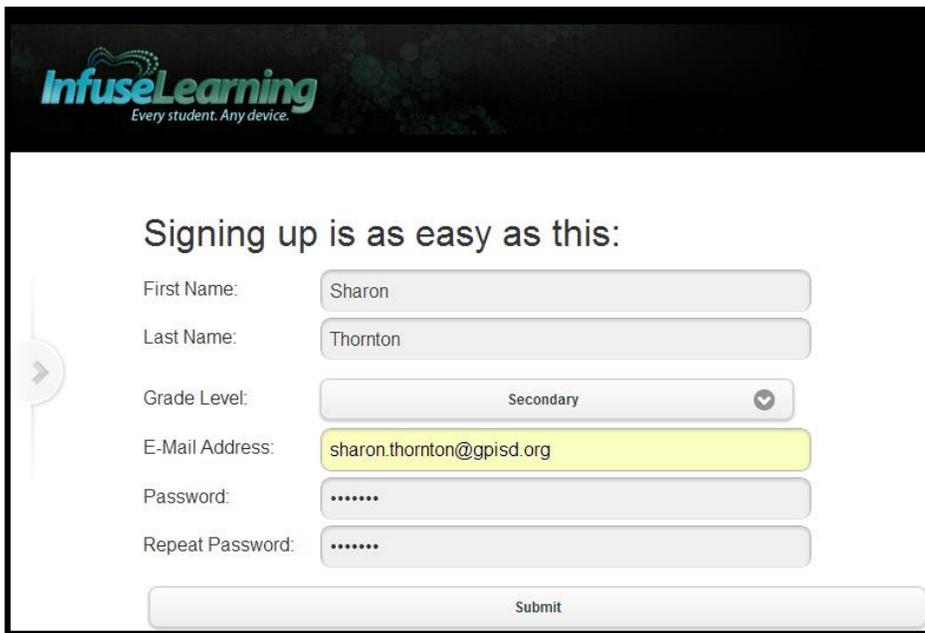


Teachers will need to create an account or sign in.



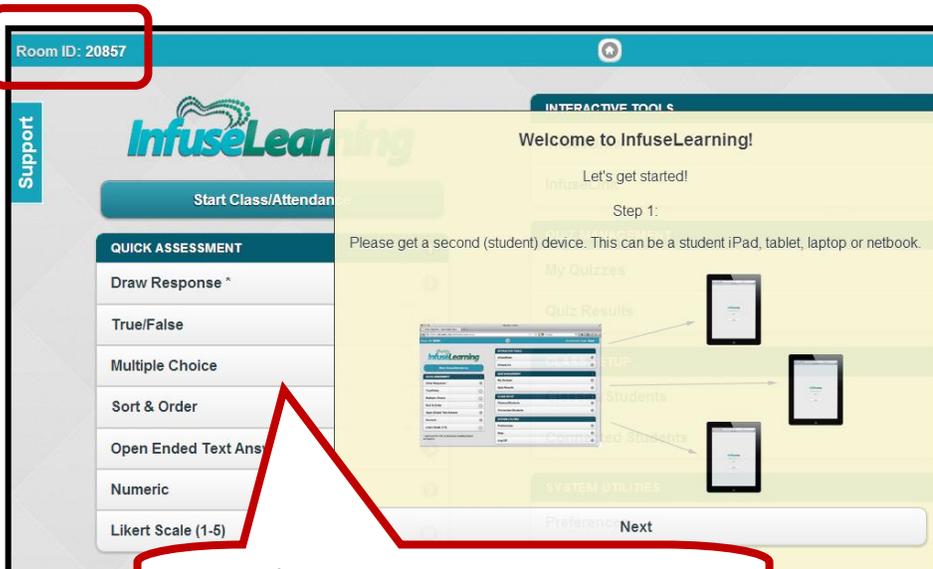
The image shows the InfuseLearning login interface. At the top is the InfuseLearning logo. Below it are two input fields: 'E-Mail:' with the address 'sharon.thornton@gpsd.org' and 'Password:' with a masked password '.....'. There are two links: 'Forgot Password?' and 'Create an Account'. A large blue 'Connect' button is at the bottom, with 'v1.3d' written below it.

New Users: Click Create an Account.



The image shows the InfuseLearning registration form. The header includes the logo and tagline 'Every student. Any device.'. The main heading is 'Signing up is as easy as this:'. The form has several fields: 'First Name:' (Sharon), 'Last Name:' (Thornton), 'Grade Level:' (Secondary), 'E-Mail Address:' (sharon.thornton@gpsd.org), 'Password:' (masked), and 'Repeat Password:' (masked). A 'Submit' button is at the bottom.

You will be taken to a let's get Started Page with directions



The image shows the 'Let's get started' page in InfuseLearning. A red box highlights the 'Room ID: 20857' in the top left. The main content area says 'Welcome to InfuseLearning! Let's get started! Step 1: Please get a second (student) device. This can be a student iPad, tablet, laptop or netbook.' Below this is a diagram showing a teacher's device connected to three student devices. A red callout points to a 'Support' sidebar on the left, which lists various question types: 'Draw Response', 'True/False', 'Multiple Choice', 'Sort & Order', 'Open Ended Text Ans', 'Numeric', and 'Likert Scale (1-5)'. At the bottom, there are 'Preferences' and 'Next' buttons.

Room ID: 20857

You will be given a **\*\*Room I.D Number** that you will share with your students.

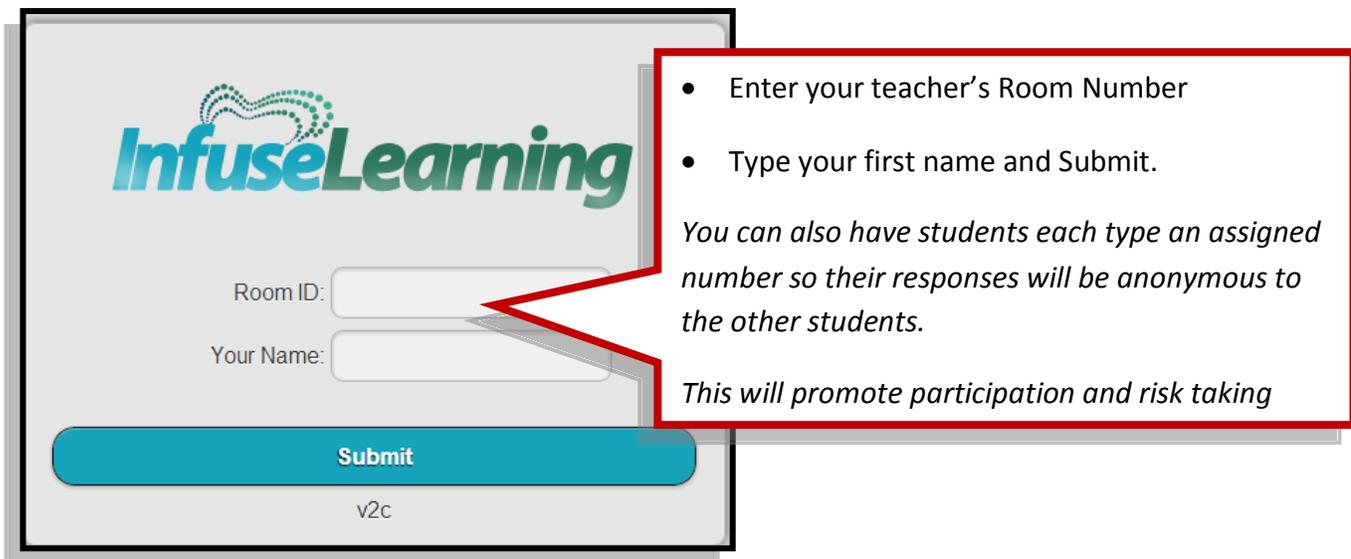
Types of questions or tasks you can ask students to do.

## How Students login to your room

- For this training, you will go back and forth between the student and teacher role.
- Please pick a partner you will work with to share questions.
- Login as a student using directions below.
- **To Participate:** You will login to my room during the training by opening a new window or in a new tab. That means you will have one screen where you are the teacher, and another where you will participate as a student. Eventually you will open a 3<sup>rd</sup> screen and login to your partner's room as well.

**Step 1:** Have students navigate to <http://www.infuselearning.com>

- Click on Student login.
- They can use any computer or device that has Internet Access
- **Important Note:** Use Mozilla Firefox or Google Chrome web browser. Internet Explorer not supported.



The image shows a screenshot of the Infuse Learning website's login page. The page features the Infuse Learning logo at the top left, which consists of the text "Infuse Learning" in a blue and green font with a decorative graphic above it. Below the logo are two input fields: "Room ID:" and "Your Name:". A large blue "Submit" button is positioned below these fields. At the bottom of the page, the text "v2c" is visible. A red callout box with a white background and a red border is overlaid on the right side of the page, containing the following text:

- Enter your teacher's Room Number
- Type your first name and Submit.

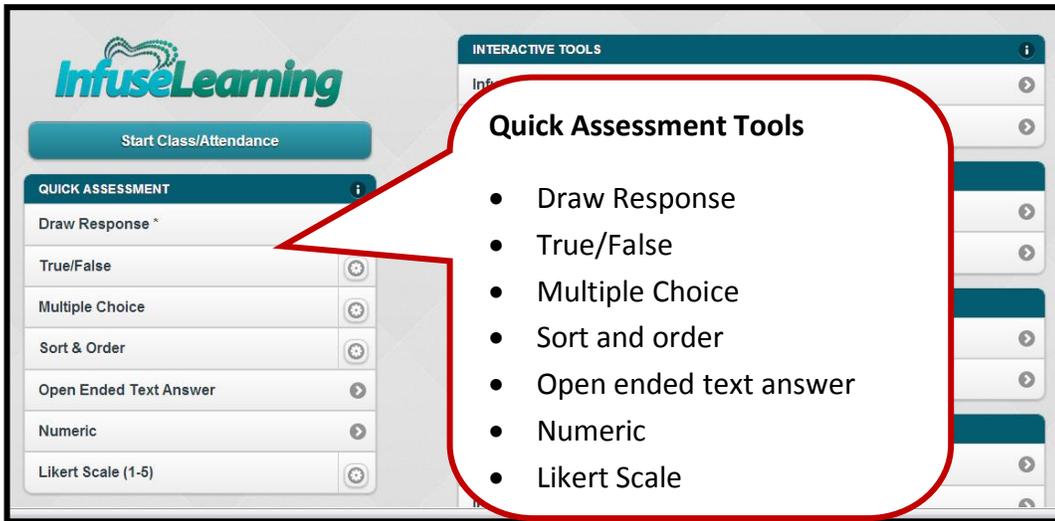
*You can also have students each type an assigned number so their responses will be anonymous to the other students.*

*This will promote participation and risk taking*

**Respond to this question as soon as your screen prompts you.**

- What are you hoping to get out of today's session?

**Basic types of questions and activities can you use.** Note: Teacher asks all these types of questions orally and the student answers on their device. They can write answer choices on the board.



**Draw a response:** It opens a blank drawing screen on student devices.

Teachers ask student orally what they want them to draw or write and they submit.

**Participate:** Draw and label 2D or 3D dimensional shapes and describe its properties.

**Create:** Partners each send a Draw **response** question to each other.

**Note:** You will need to open a 3<sup>rd</sup> window and login as a student with our partner's room number.



### True/False questions

Teachers can choose two options:  
True/False or True/False/I don't know

Teachers orally ask a true or false question

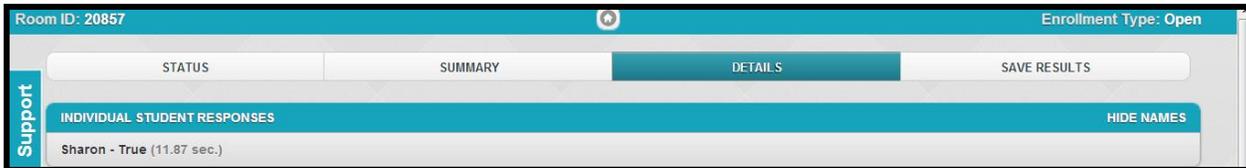
Click **Go**

**Participate:** Answer this question when you see the option to respond: iPads have the same operating system as a Dell computer.

*This opens a screen like this on student devices to choose an answer and Submit.*

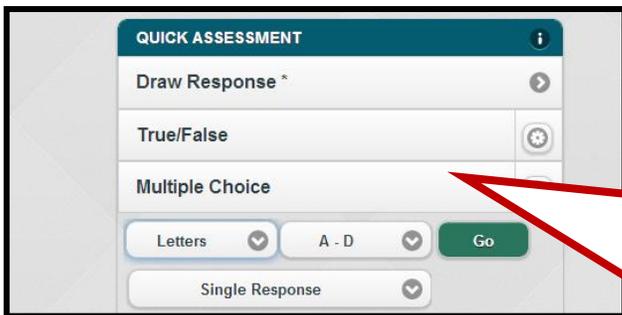


Teacher sees the results on screen (under details) once students submit.



**Create:** Partners each send a Draw **response** question to each other.

**Multiple Choice Questions:**



Click on wheel for settings.

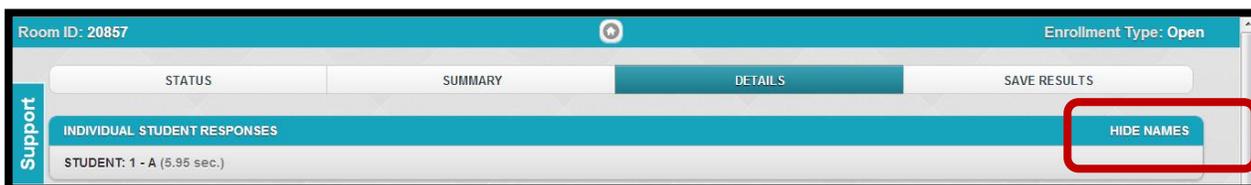
Can choose letters or numbers and range

Teacher asks an oral question and clicks **Go** to send the question to student devices who are logged into their room number.

Teacher also sees the results on their screen and save results as an Excel Spread sheet by click on Save Results.

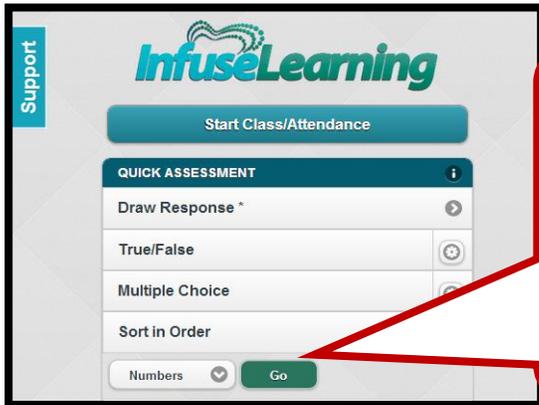
**Participate:** Answer this question: Which device uses both apps and the web?

- The teacher can also hide student names if they are displaying results.



**Create:** Partners each send a multiple choice question to each other.

### Sort in Order



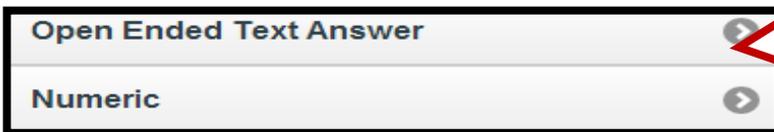
Choose for students to sort by numbers or letters.  
Teacher asks question orally, then clicks go to send to their devices.  
Students will drag the answers in the correct order  
Once students submit, the teacher sees the results just like the other questions above.

**Participate:** Answer this question: order these numbers from 1-3 according to the most factors it has.

|       |       |       |
|-------|-------|-------|
| A= 24 | B= 36 | C= 12 |
|-------|-------|-------|

**Create:** Partners each send a sorting choice question to each other.

### Open Ended Text Answer

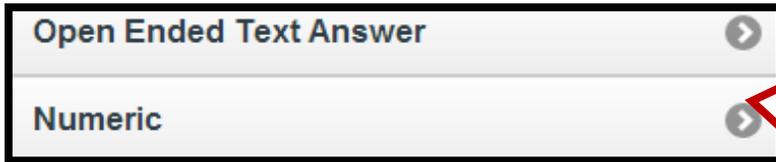


Teacher asks student an open ended question and clicks arrow which sends a text box to their device for them to type and submit.

**Participate:** Listen to the song and come up with a title that best fits the mood of the music. Respond on your device. You could also read part of a story and then ask for predictions.

**Create:** Partners each send an open ended question to each other.

## Numeric Questions



A screenshot of a question type selection menu. The menu is a horizontal bar with a light gray background and a dark border. It contains two options: 'Open Ended Text Answer' and 'Numeric'. Each option has a right-pointing arrow icon to its right. The 'Numeric' option is currently selected, indicated by a dark gray background behind the text.

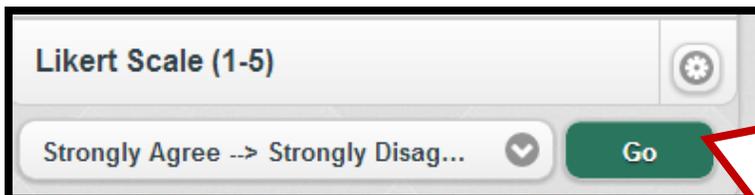
Students can type in answers to math problems or answer any questions with text responses.

**Nice feature:** Shows time. Students could race to see who answers first.

**Participate:** Solve this math problem and type in the number.  $20 \times 5 =$

**Create:** Partners each send a numeric question to each other. You can also type words.

## Likert Scale



A screenshot of a Likert Scale question interface. The interface is a horizontal bar with a light gray background and a dark border. It contains the text 'Likert Scale (1-5)' on the left, a settings gear icon on the right, and a dropdown menu below the text showing 'Strongly Agree --> Strongly Disag...'. A green 'Go' button is located to the right of the dropdown menu.

Click on settings to choose type:

- Strongly Agree- Disagree
- Highly Confident- Highly Unsure
- Generic Scales
- Ask oral question, then click **Go**.

**Participate:** Answer this question once you see the option to respond on your screen. "On a scale of 1-5, how comfortable do you feel about using technology in your classroom?"

**Create:** Partners send Likert questions to each other and respond back.

## Interactive Tools

- Infuse Draw- students send drawings in real time to your account.
- Infuse Link- Send files to their devices for them to annotate.



## Infuse Draw

This is what the Infuse drawing screen looks like.



There are drawing tools for pen size and color.

Teacher Clicks on the **Ask tool** to send students a blank screen to draw or send text responses for question asked orally.

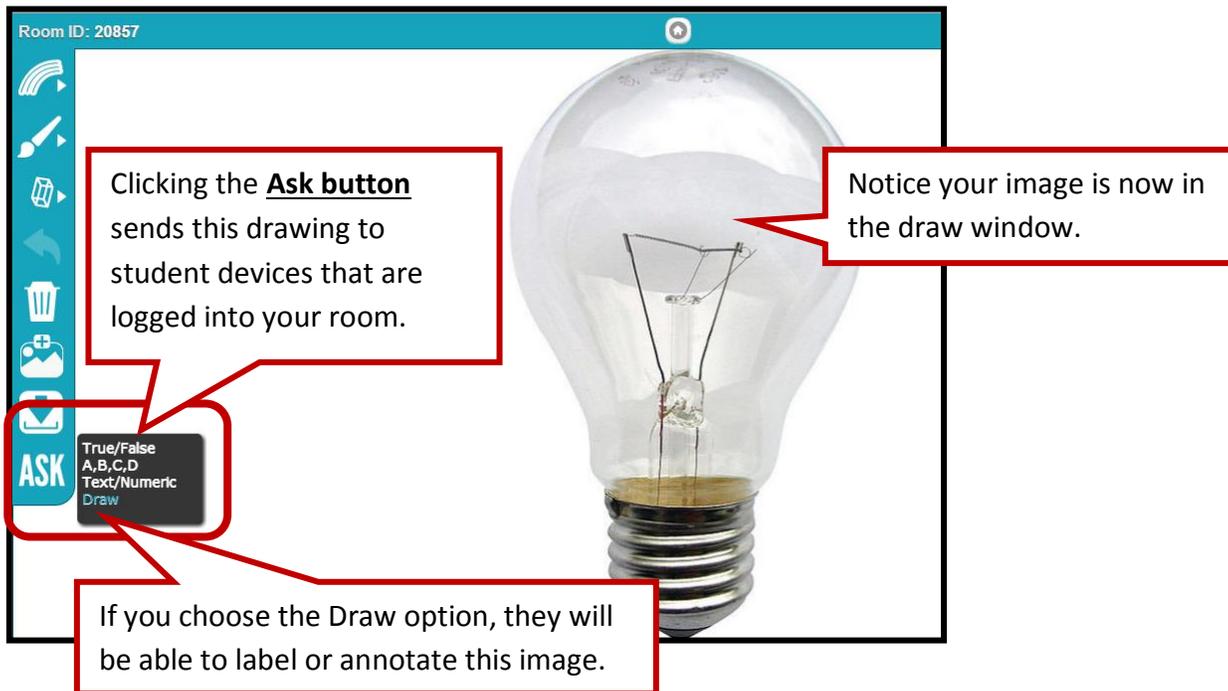
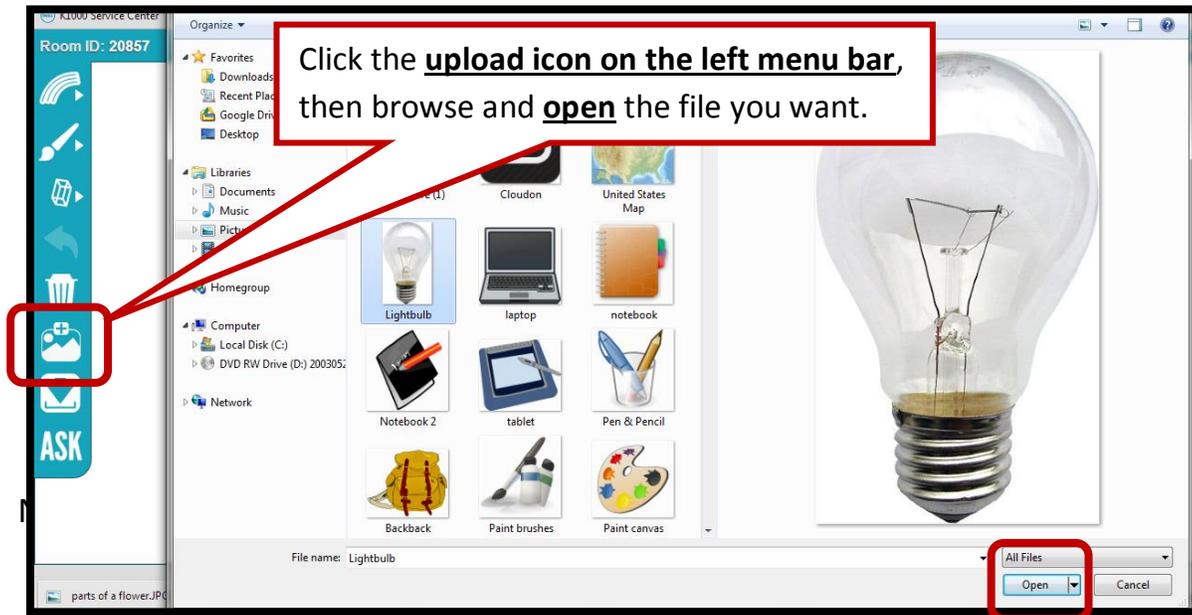
- Teachers must choose **Draw** if they want the student to be able to write or draw something on the screen with the pen.

**Classroom Idea:** Teachers can write math problems on the board and students can solve them using the draw feature.

**Best Feature Yet:** Teachers can upload and send pictures for students to draw on.

You can also upload images or files before you click Ask and the students will see the image you upload on their screen to label like in this example.

\*\*It will be a since to take pictures and send to students via your iPad next year.



Students login to your room, label and then click on the **download** button that sends it to the teacher's active screen as shown below.

Room ID: 20857 Enrollment Type: Open

STATUS **IMAGES** SAVE RESULTS

ANNOTATION RESPONSES

Support

Sharon

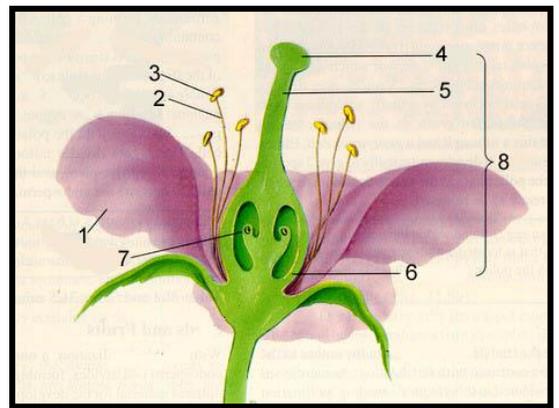
Label

Filament

Teachers can save the session results

### Participate 1: Recall information: Parts of a flower

- I will send you this image via Infuse Draw tool.
- Open the picture and label any parts of the plant that you can identify.
- Click **Submit** when you are done.
- You will see what the class results look like in the teacher's view.



### Participate 2: Inference-

This image will be sent to your through **Infuse Draw** using the Text/Numeric option.

Analyze the picture and decide what you think might have happened here. What clues do you have to support your theory?

Type your answer and explanation then click **Submit**.



## Classroom Ideas:

- Send images of questions for students to answer or passages of text for students to circle text evidence to prove their answer.
- \*\*Use your iPad next year to take pictures or take screen shots to save to your camera roll. Then it will be easy for you to send to students straight from your iPad.

4 A student builds a circuit made up of a battery, two lightbulbs, and a switch, as shown below.

Battery Lightbulb 1 Lightbulb 2 Switch

What will the student most likely observe in this circuit?

- A Lightbulb 1 and Lightbulb 2 will both be on.
- B Lightbulb 1 will be off, but Lightbulb 2 will be on.
- C Lightbulb 1 and Lightbulb 2 will both be off.
- D Lightbulb 1 will be on, but Lightbulb 2 will be off.

**Create:** Create a draw question and add an image. I will also send you this link via Infuse Link.

\*See Information below.

Partners login to each other's' room as a student and answer your question.

Search for free copyright safe images at:

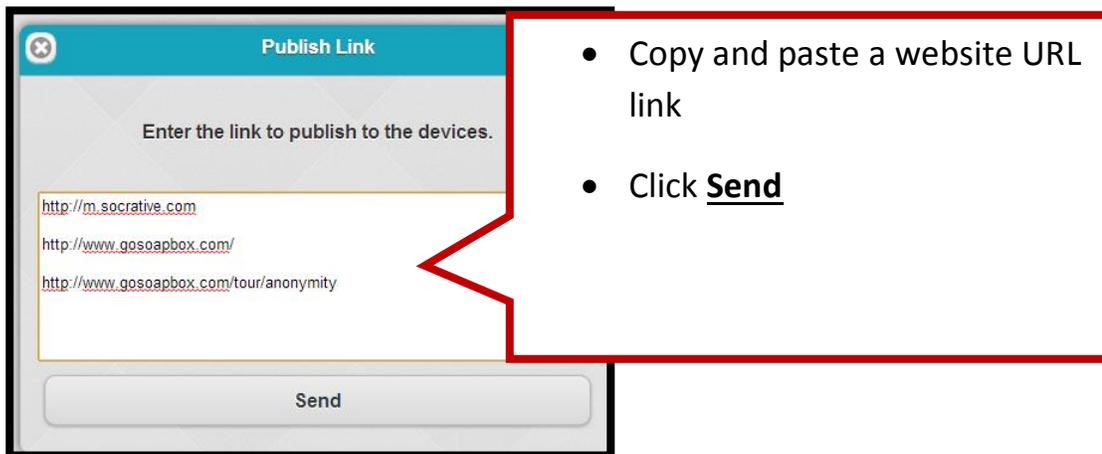
<http://commons.wikimedia.org/wiki/Category:Images>

My wiki for a list of other good websites:

<http://technologyintegrationshthornt.pbworks.com/w/page/25673492/Pictures>

## Infuse link

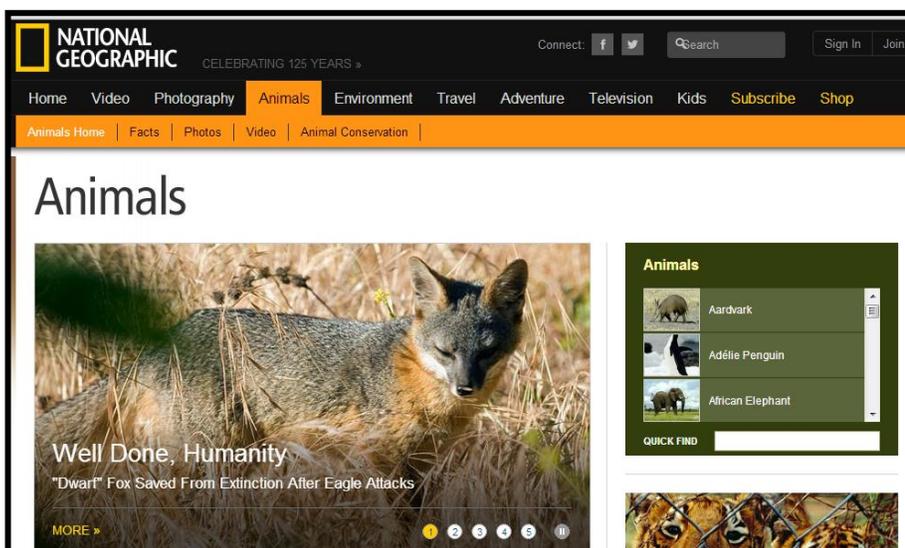
- Allows you to publish a link to all computers and devices logged into your room.



It sends this message to student devices that are logged into your room.



Students click on Click Me!



It takes them straight to the web page.

You could have students use for research

You could have students search for answers and use Infuse learning to get their responses.

**Participate:** Open website delivered to you via the Infuse Link teacher option.

<http://animals.nationalgeographic.com/animals/>

- Look up one animal and find 1 fact about this animal that you did not know.
- Post your answers when I send you an **Open Response Oral Question**

**Create:** Choose a website and a short assignment. Use the Infuse Link to send the website, and then send the Open Ended question for each other to respond.

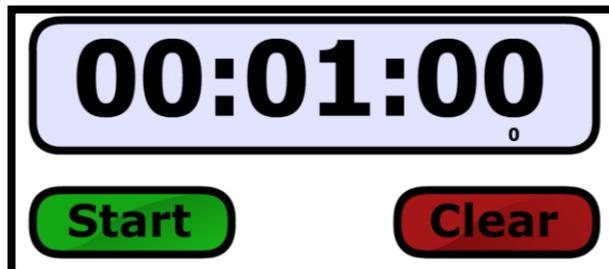
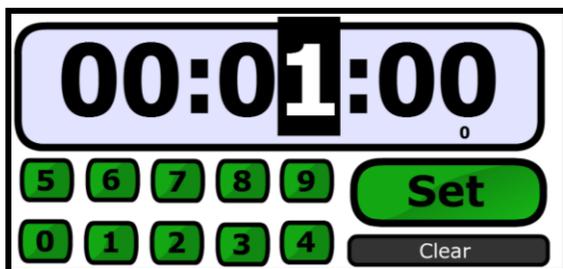
- Partners login to each other's' room as a student and complete the assignment.

### Classroom Ideas:

You can also send images via their website link.

\*\*You could send your students various websites to collect information. You can send an open ended question to them where they can write down facts they have learned and then the entire class can review together.

- You could send a link to a timer and have students set it for a specific time amount to work. When the timer goes off, you can send them a question to respond.
- <http://www.online-stopwatch.com/full-screen-stopwatch/>

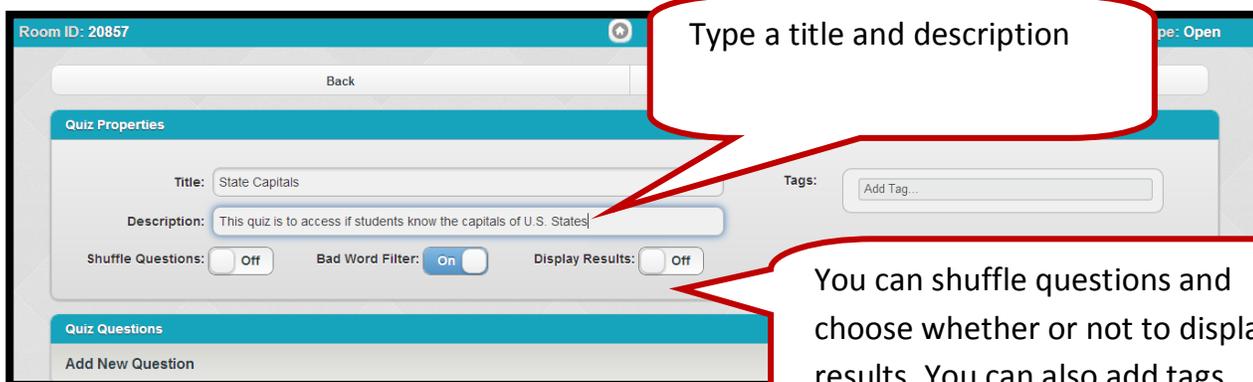


## Formal Quizzes:

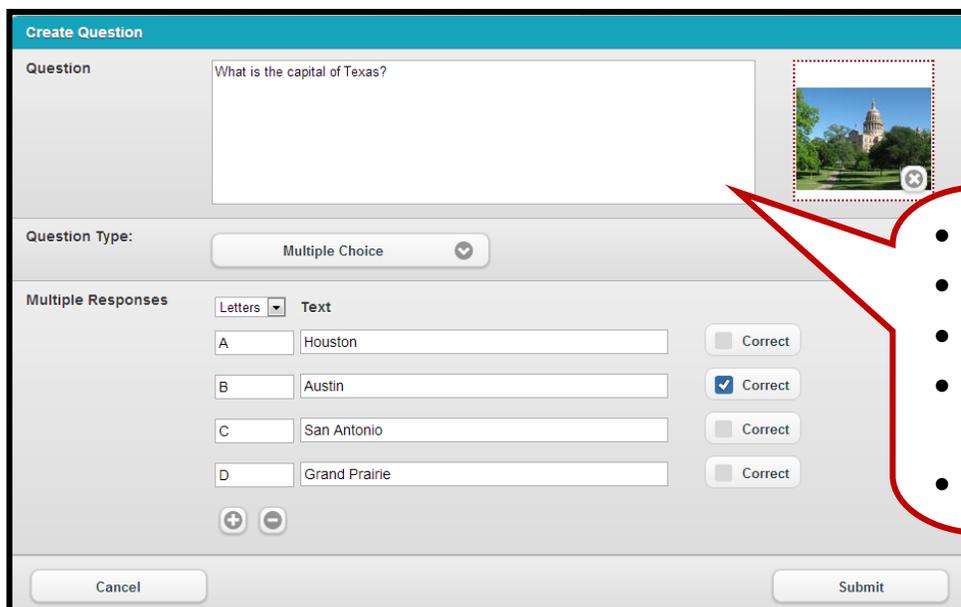
- **Participate:** Take the quiz as a student. Go to <http://infuselearning.com> and click on Student Sign in. Type in my room # **20857**
  - You will also see what the results look like in the teacher view and how you can export them into an Excel Spreadsheet.
- **Create:** You will create, save and share your own quiz with your partner who is logged into your room.



- **Add a New Quiz**



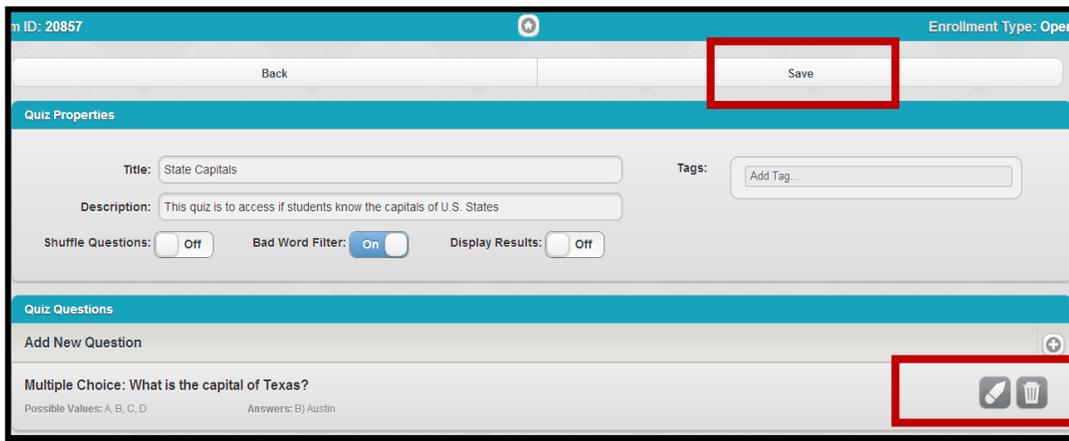
- **Click on Add New Question**



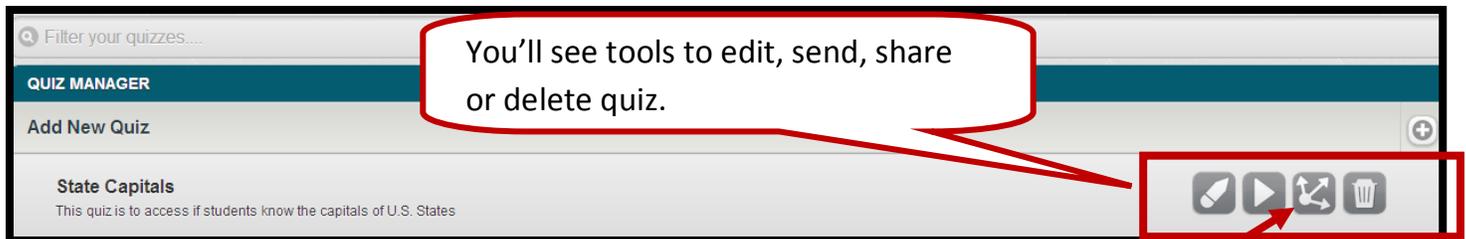
**\*\*Search for free copyright safe images at:**

- Creative Commons: <http://commons.wikimedia.org/wiki/Category:Images>
- Open clipart: <http://openclipart.org>
- My wiki for a list of other good websites:  
<http://technologyintegrationshthornt.pbworks.com/w/page/25673492/Pictures>

Once you submit you'll see a screen that allows you to edit, change preferences or save.



*Now you'll be back in the Quiz Manager*

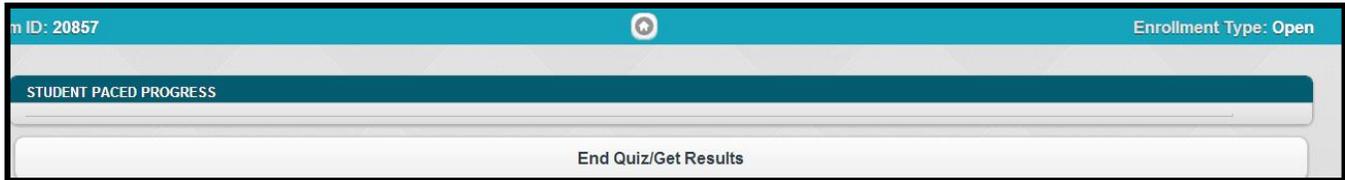


You can also Share your quiz via website **URL** link provided or these other options.



If you send quiz, it opens your room for students to take it.

*This is what the teacher screen looks like waiting for responses:*

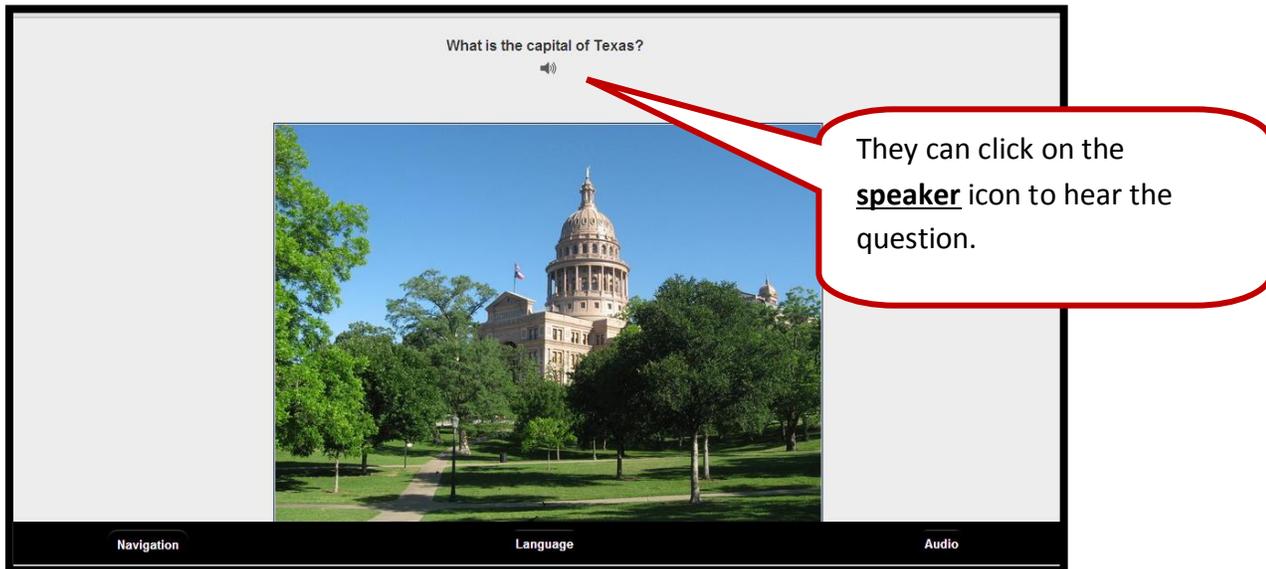


**To take the quiz:** Students go to <http://infuselearning.com> and click on Student Sign in. They put the teacher room number and their name.

*This is what the student screen looks like:*



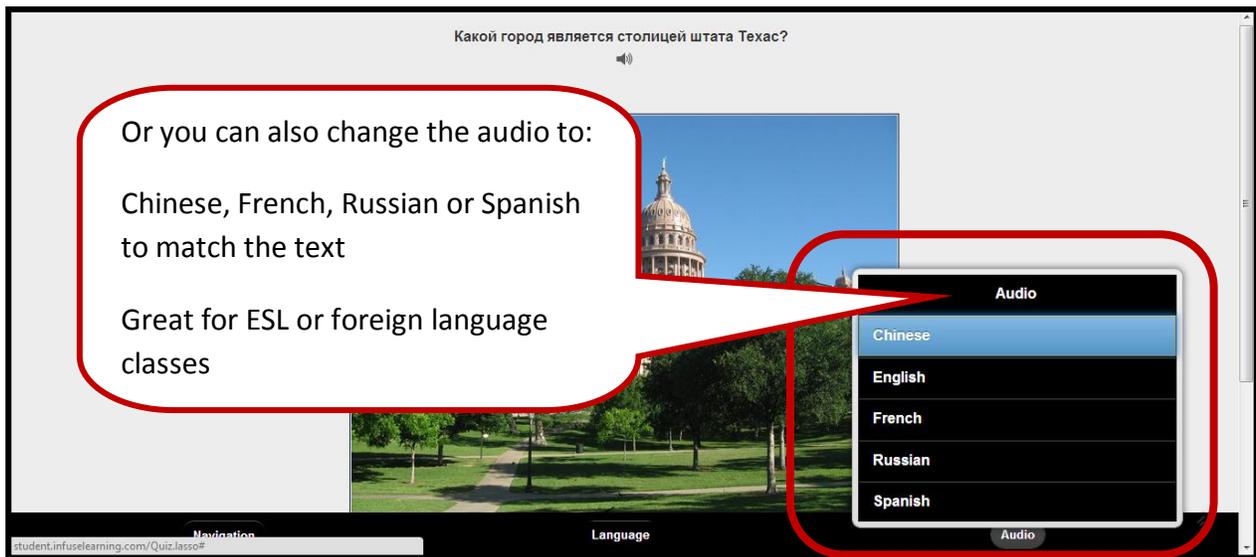
*This is what the question looks like for students:*



- Great text and audio features

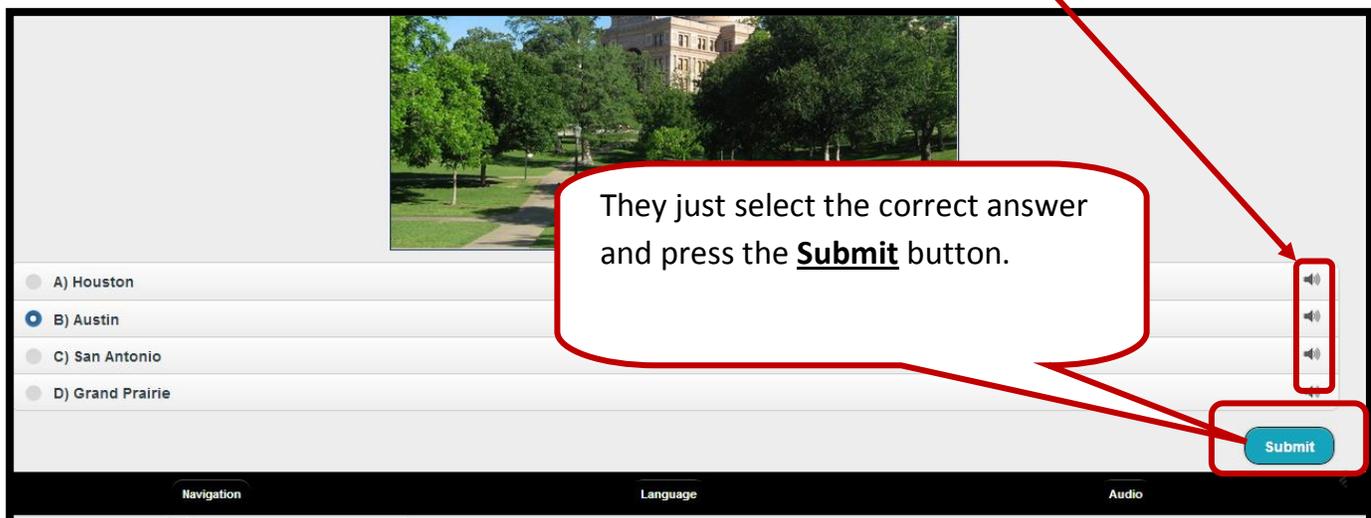


A screenshot of a quiz interface. A 'Language' menu is open, showing options: Chinese, English, French, Russian, and Spanish. A red speech bubble points to the menu with the text: 'Can change the text to the following languages: Chinese, French, Russian or Spanish while still reading audio in English'. The background shows a photo of the Texas State Capitol building. At the bottom, there are 'Navigation', 'Language', and 'Audio' buttons.



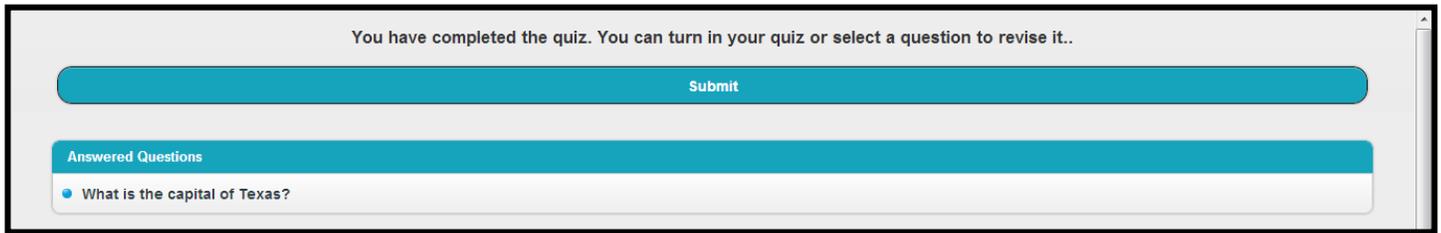
A screenshot of a quiz question in Russian: 'Какой город является столицей штата Техас?'. A red speech bubble on the left says: 'Or you can also change the audio to: Chinese, French, Russian or Spanish to match the text Great for ESL or foreign language classes'. A red speech bubble on the right points to an 'Audio' menu with options: Chinese, English, French, Russian, and Spanish. The background shows a photo of the Texas State Capitol building. At the bottom, there are 'Navigation', 'Language', and 'Audio' buttons.

Students scroll down to see answer choices. They can also click speakers to hear these.



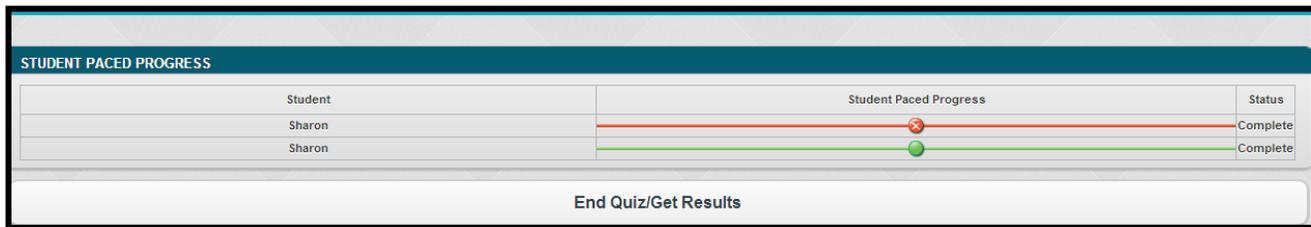
A screenshot of a quiz with answer choices: A) Houston, B) Austin (selected), C) San Antonio, and D) Grand Prairie. A red speech bubble points to the choices with the text: 'They just select the correct answer and press the **Submit** button.' A red speech bubble also points to a speaker icon on the right. At the bottom, there are 'Navigation', 'Language', and 'Audio' buttons, and a 'Submit' button.

Click on **Submit** to send quiz to teacher or go back and review questions.



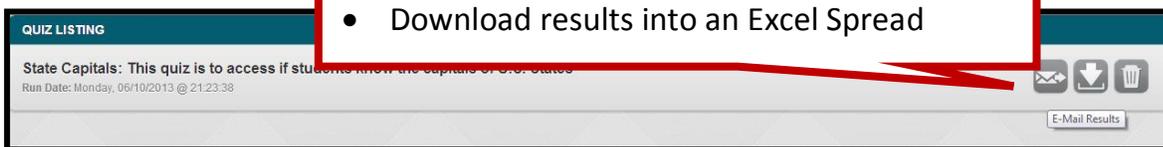
*You can log off or wait for your teacher to ask another question or give another quiz.*

*This is what the teacher's view looks like after two students have submitted:*

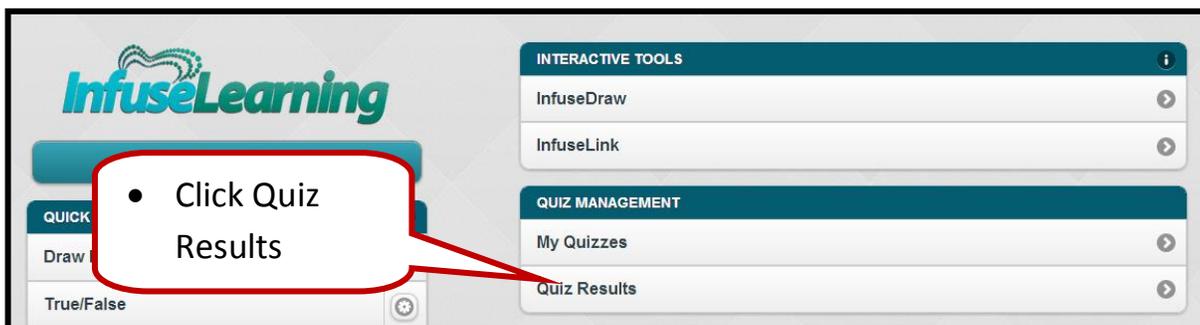


Click on **End Quiz- get results** when all students have completed.

- **Quiz Results Options:**
- Email results
- Download results into an Excel Spread



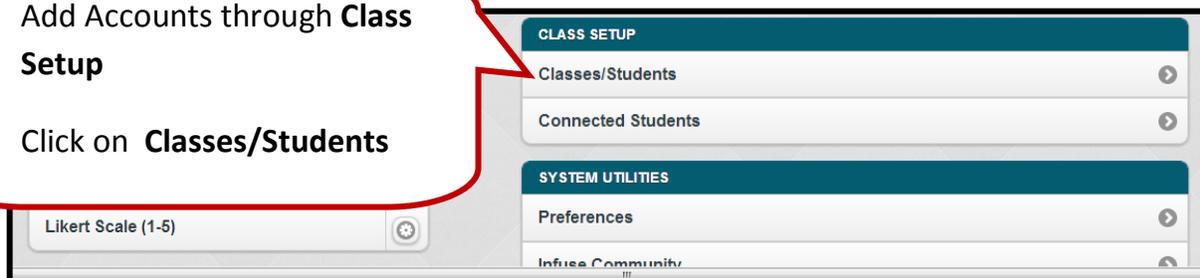
Note: You will always be able to see Quiz results from the main screen.



You can use one room number for all sessions or you can set up a classroom account for each class. This requires time, but might be worth it if you had 1 class.

### Adding Accounts through **Class Setup**

- Add Accounts through **Class Setup**
- Click on **Classes/Students**

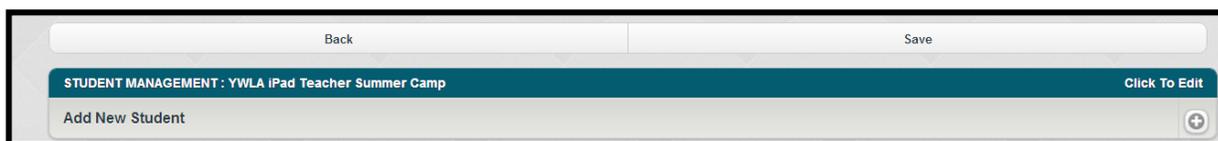


Click on the + sign to add a class.

A screenshot of a 'Classroom Setup' form. It has a title bar with a close button and the text 'Classroom Setup'. Below the title bar, it says 'Please enter a short description for the class:'. There is a text input field containing 'YWLA iPad Teacher Summer Camp' and a 'Submit' button below it.

Type a class name and submit.

Click + sign to add a student

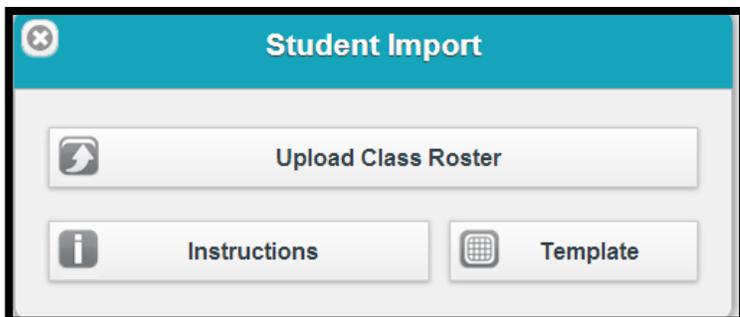
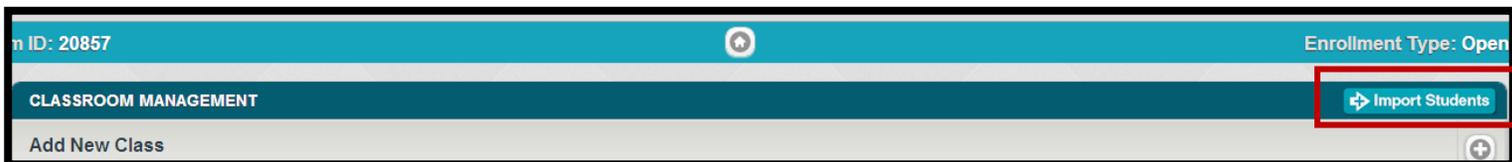


Type in student information

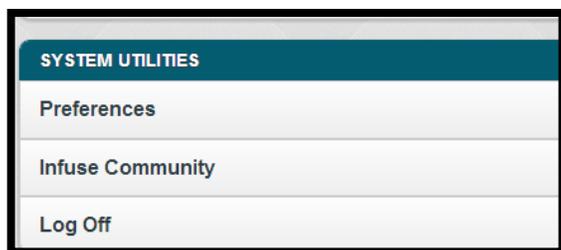
Add Student

A screenshot of a 'Student Information' form. It has a title bar with a close button and the text 'Student Information'. Below the title bar, it says 'Please enter the name of the student:'. There are several input fields: 'First Name:\*' with 'Sharon', 'Last Name:\*' with 'Thornton', 'ID:' with '123456', 'Language(s):' with a dropdown menu set to 'All', 'Audio Options:' with a dropdown menu set to 'All', and 'Audio Speed:' with a dropdown menu set to 'Medium'. There is a red asterisk and the text '\* Required Information' below the fields. At the bottom, there is an 'Add Student' button.

You can also import them from an Excel Spread sheet using the template.



### Infuse Learning Community



Tutorials and site support.

<https://infuselearning.zendesk.com/home>

You can download the Infuse Learning User Guide from the community.

Here is the link: <https://infuselearning.zendesk.com/home>