

Plickers Made Easy with Task Cards

Save Time by Creating Plickers Questions with Task Cards



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Teaching Resources



Tutorial

Plickers Made Easy with Task Cards

A Step-by-Step Tutorial
By Laura Candler

Plickers Overview

Plickers is a free, assessment tool based on the concept of having students use response “clickers” to respond to multiple choice questions. However, Plickers does away with the need for expensive clickers through the use of “Plickers,” or paper clickers, that work like QR codes. Each student is given a unique Plicker assigned by the teacher. The teacher displays a question, and students hold up their Plickers to respond. Depending on the direction each student turns the card, it represents one of four multiple choice answers. The teacher scans the cards with a mobile device and can instantly see assessment data including who has the correct answer and who does not.

If this is the first time you’ve heard about Plickers, visit www.plickers.com and watch their introductory video before reading the rest of this tutorial. You might also want to join my [Plickers Facebook group](#) to learn more about how teachers are using the program.

Disclaimer: I’m not affiliated with Plickers, and I’m not being compensated for creating this tutorial. I enjoy developing helpful resources for teachers, and I created this tutorial to be used with my Parts of the Water Cycle Task Cards set and with other products that have ready-to-use images.



Plickers Made Easy with Task Cards

How Task Cards Can Save You Time

Plickers is an amazing tool, but there is one problem. As of right now, you have to manually enter all test questions and answers which can be time-consuming. However, they now allow you to upload an image where you would normally type your question, and that's where task cards come in!

If you have task cards with multiple choice answers on the cards, you can create images of those cards and use them instead of typing in the questions and answers!

Tami Terry's class of third graders is using my **Parts of the Water Cycle** task cards, as you can see from the card displayed on the screen in the background. You'll see more of this set in the tutorial on the next few pages.



Plickers Made Easy with Task Cards

How to Create Plickers Questions with Task Cards

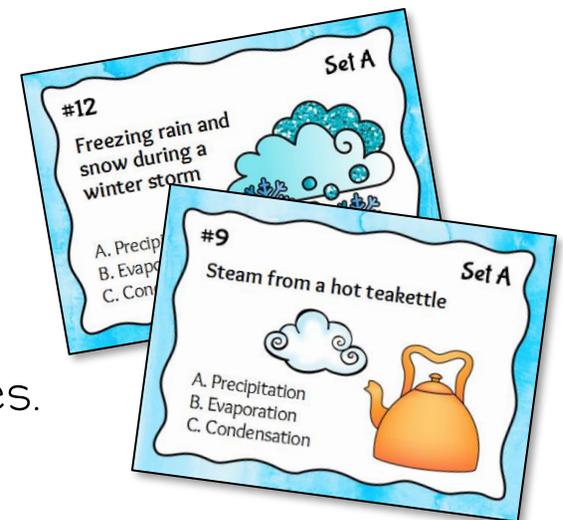
Normally users have to manually enter assessment questions and answers. However, Plickers has a new time-saving feature that allows teachers to upload images when creating questions. This step-by-step tutorial will show you how to save time and effort by using task card images for this purpose. It might seem like a lot of steps, but it's actually quite easy.

Setting Up Your Class on Plickers

I'm going to assume that you've already set up your class on Plickers by entering the names of your students and assigning each student a unique Plicker. If you haven't done this, please do so before reading this tutorial.

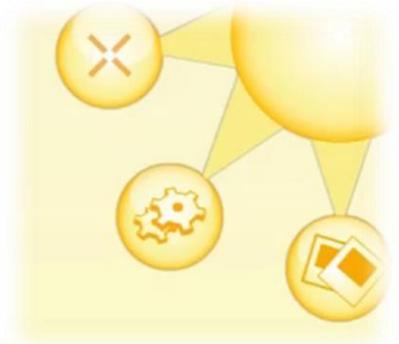
Steps Covered in this Tutorial

1. Obtain images of your task cards.
2. Add a topic folder to your Plickers library.
3. Add task card image questions to the folder.
4. Assign the questions to your class queue.
5. Display the questions and scan student responses.



How to Obtain Images of Task Cards

The first step is to obtain images of the task cards. If you have images, skip this step. If you don't, you'll need to create your own using a screen capture tool.

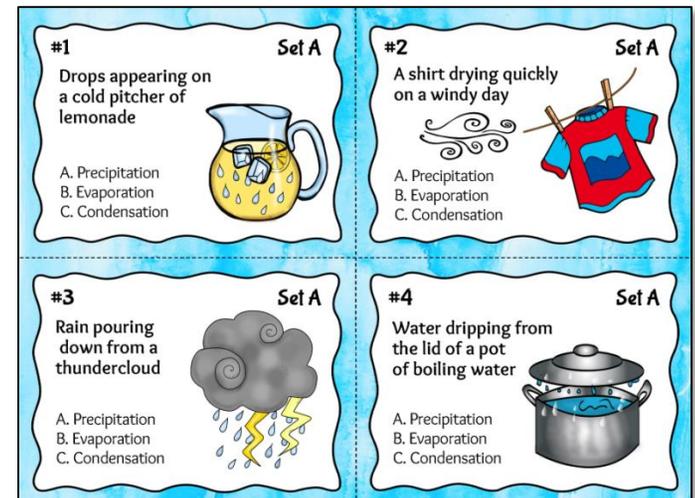


I highly recommend Jing, a free app you can find on the [TechSmith website](http://www.techsmith.com). After you install it, a small yellow “sun” will appear on the edge of your desktop. To capture an image, click on the crosshatch tool and drag a box around what you want to capture. Mac users can use Jing, but they may find it easier to use the installed screenshot app. Open the file in Preview mode and use the tool to capture a selected area of the screen.

No matter which tool you use, be sure to save your task card images in a folder where you can easily find them later.

Working with “Plickers–Ready” Images

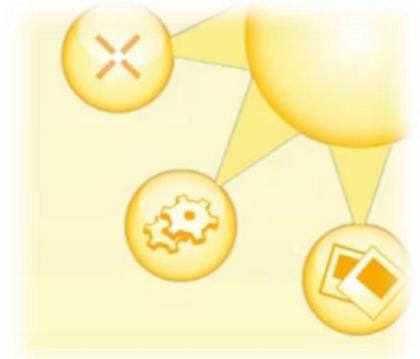
My Parts of the Water Cycle Task Cards are featured in this tutorial. If you own this set of task cards (or another product with ready-to-use images), the only thing you need to do is to save the images where you can find them later. You can skip the directions on the next page.



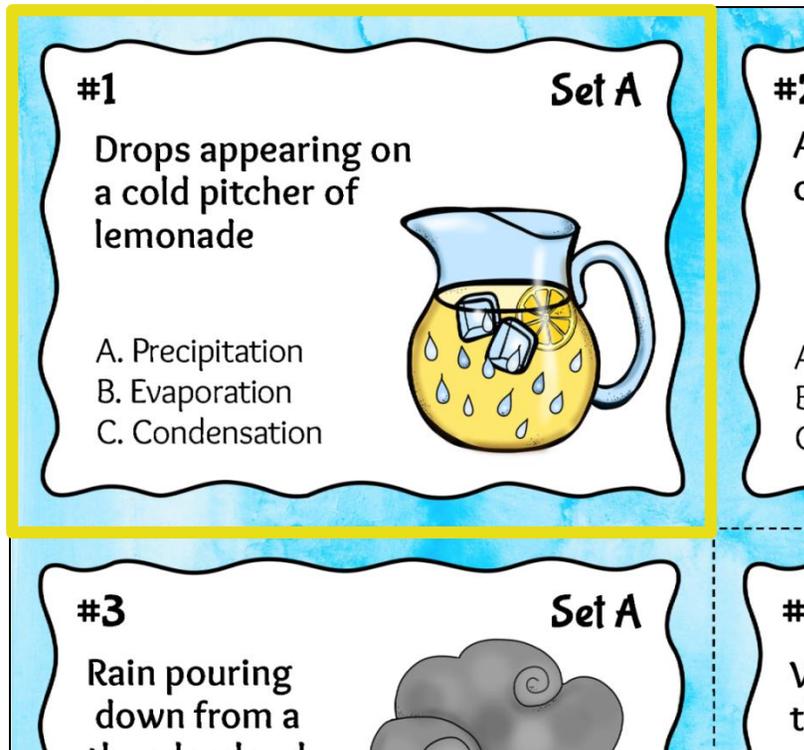
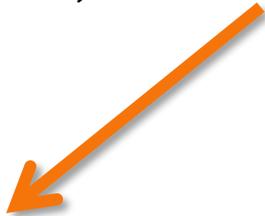
How to Obtain Images of Task Cards

Creating Screen Captures of Task Cards

1. If you need to create your own images, open the PDF file of your task cards and scroll to the first page.
2. Click on the Jing sun (or your screen capture tool) and draw a box around card number 1.



3. Choose the option to **Capture** the image and then **Save** it in a folder you can easily find later.



4. When you save it, give it a name that matches the task card number.
5. Repeat this step with all the task cards you plan to use with Plickers.

A Note About Copyright

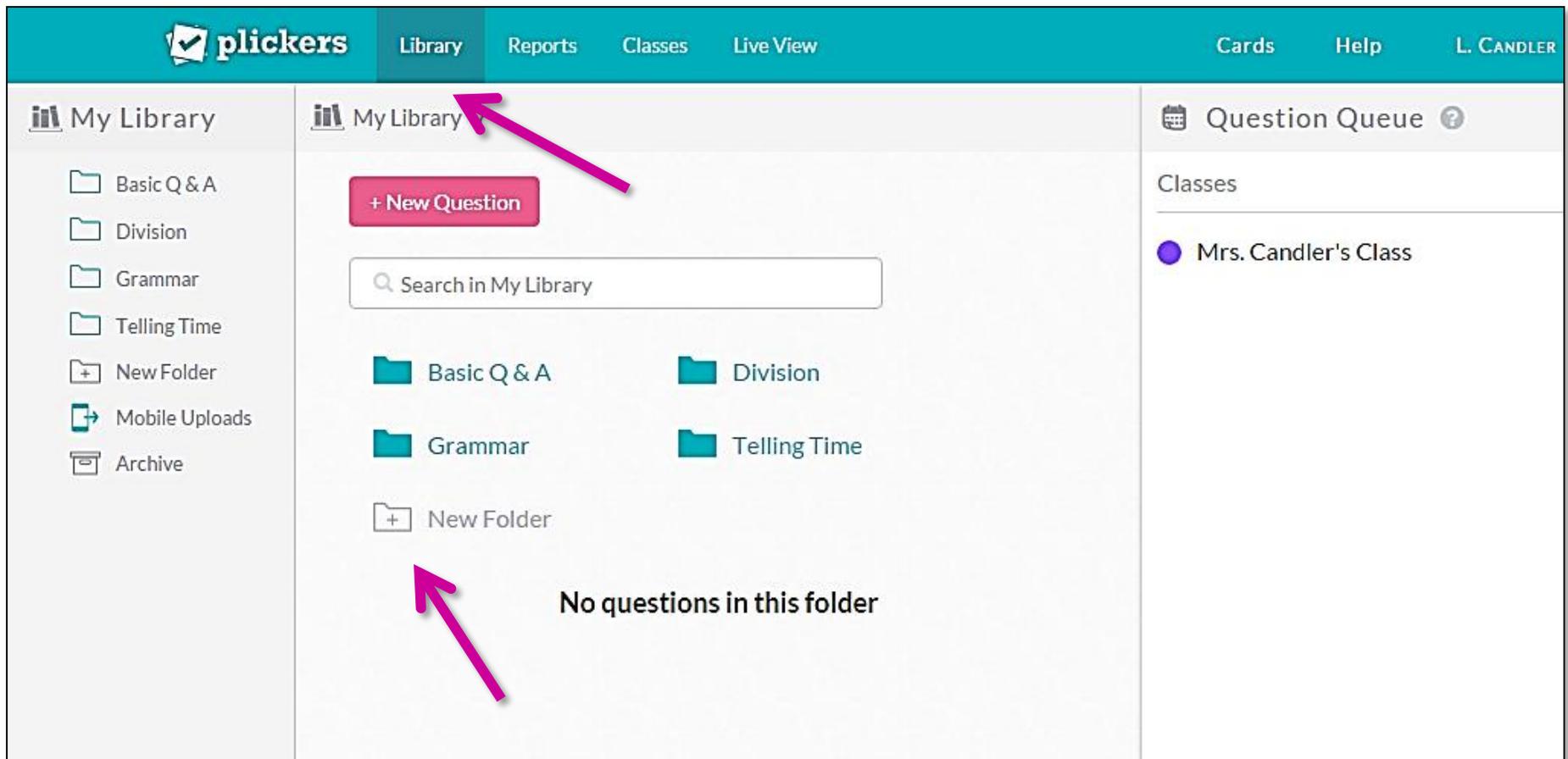
If you purchased the task cards, remember that the images you create from them are protected by the product's copyright, just like the cards themselves. You may use them in your own Plickers account with your students, but you may not share or distribute those images with others.



How to Add a Folder for the Task Cards

After your task card images are ready, you need to set up a folder for your questions in your Plickers library.

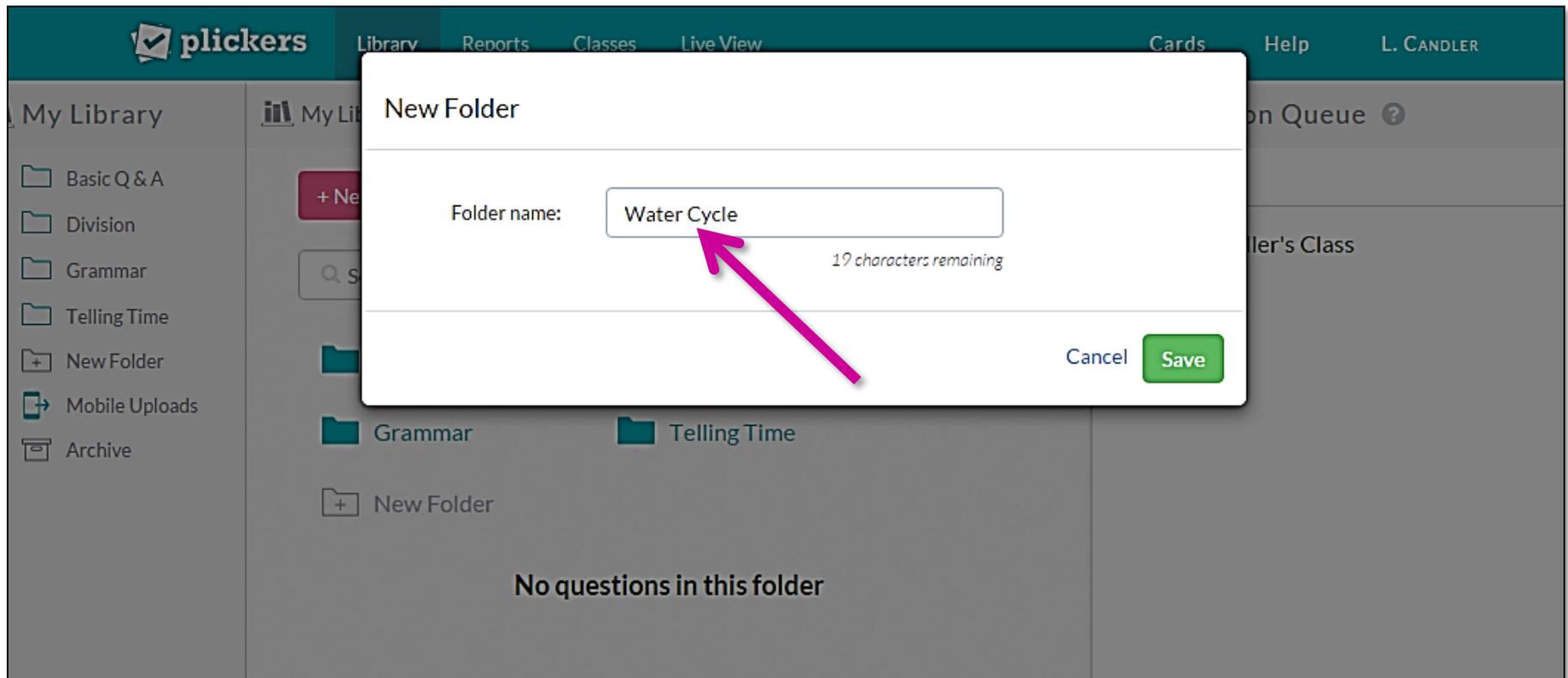
1. Start by logging on to your account at Plickers.com.
2. Click **Library** at the top of the page.
3. Then click **New Folder**.



The screenshot shows the Plickers web interface. At the top, there is a teal navigation bar with the Plickers logo and menu items: Library, Reports, Classes, Live View, Cards, Help, and L. CANDLER. The main content area is divided into three sections. On the left is a sidebar titled 'My Library' with a list of folders: Basic Q & A, Division, Grammar, Telling Time, New Folder, Mobile Uploads, and Archive. The middle section is also titled 'My Library' and contains a '+ New Question' button, a search bar labeled 'Search in My Library', and a grid of folder icons: Basic Q & A, Division, Grammar, Telling Time, and New Folder. A pink arrow points from the 'Library' menu item to the 'My Library' header, and another pink arrow points from the 'New Folder' folder icon to the text 'No questions in this folder' below it. The right section is titled 'Question Queue' and shows a 'Classes' list with 'Mrs. Candler's Class' selected.

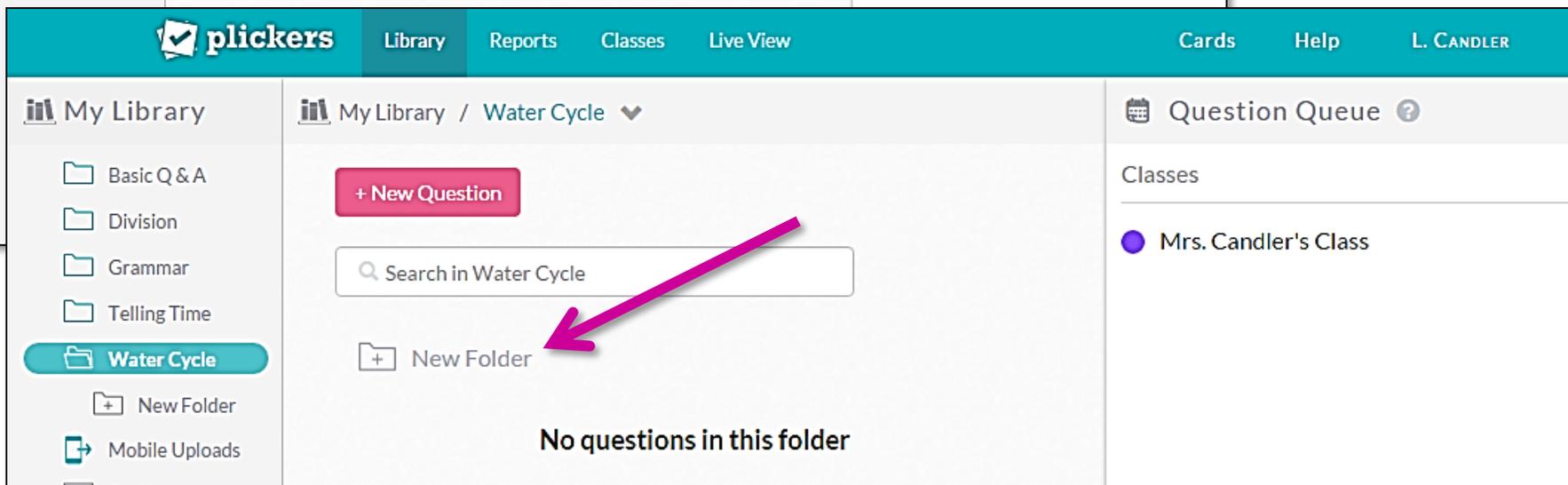
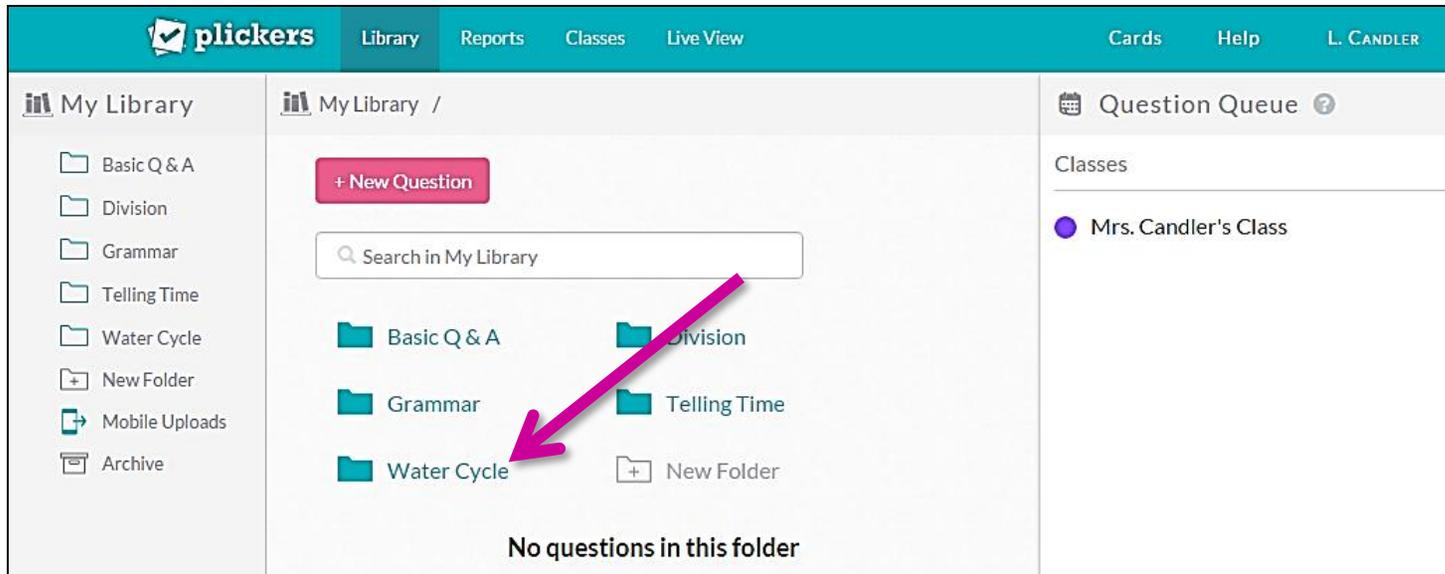
How to Add a Folder for the Task Cards

4. Type in the task card topic. This tutorial will demonstrate how to create questions with the Water Cycle Task Cards, so we'll use **Water Cycle** as the topic. If you're using a different set of images, enter a descriptive topic. Click **Save** which will return you to your Plickers library.



How to Add a Folder for the Task Cards

5. Click on the **Water Cycle** topic folder to open it.
6. If you have more than one set of questions on that topic, click **New Folder** to add a subfolder for a specific set of questions.



How to Add a Folder for the Task Cards

7. Type in the name of the task card set. Click **save**.
8. You'll end up back in the topic folder, so click on the title you just entered to open the subfolder.

The image consists of two screenshots from the Plickers web application. The top screenshot shows a 'New Folder' dialog box overlaid on the main interface. The dialog box has a text input field labeled 'Folder name:' containing the text 'Set A Task Cards'. Below the input field, it says '14 characters remaining'. There are 'Cancel' and 'Save' buttons at the bottom right of the dialog. A red arrow points from the top right towards the input field. The background shows the 'My Library' sidebar with folders like 'Basic Q & A', 'Division', 'Grammar', 'Telling Time', and 'Water Cycle'. The main content area shows 'No questions in this folder'.

The bottom screenshot shows the Plickers interface after the folder has been created. The breadcrumb navigation at the top reads 'MyLibrary / Water Cycle'. The main content area now displays a folder icon followed by the text 'Set A Task Car...' and a 'New Folder' button. A red arrow points from the top right towards the folder name. The 'Question Queue' sidebar on the right shows 'Mrs. Candler's Class' selected. The main content area still displays 'No questions in this folder'.

How to Add Task Card Questions

The next step is to create questions from the images.

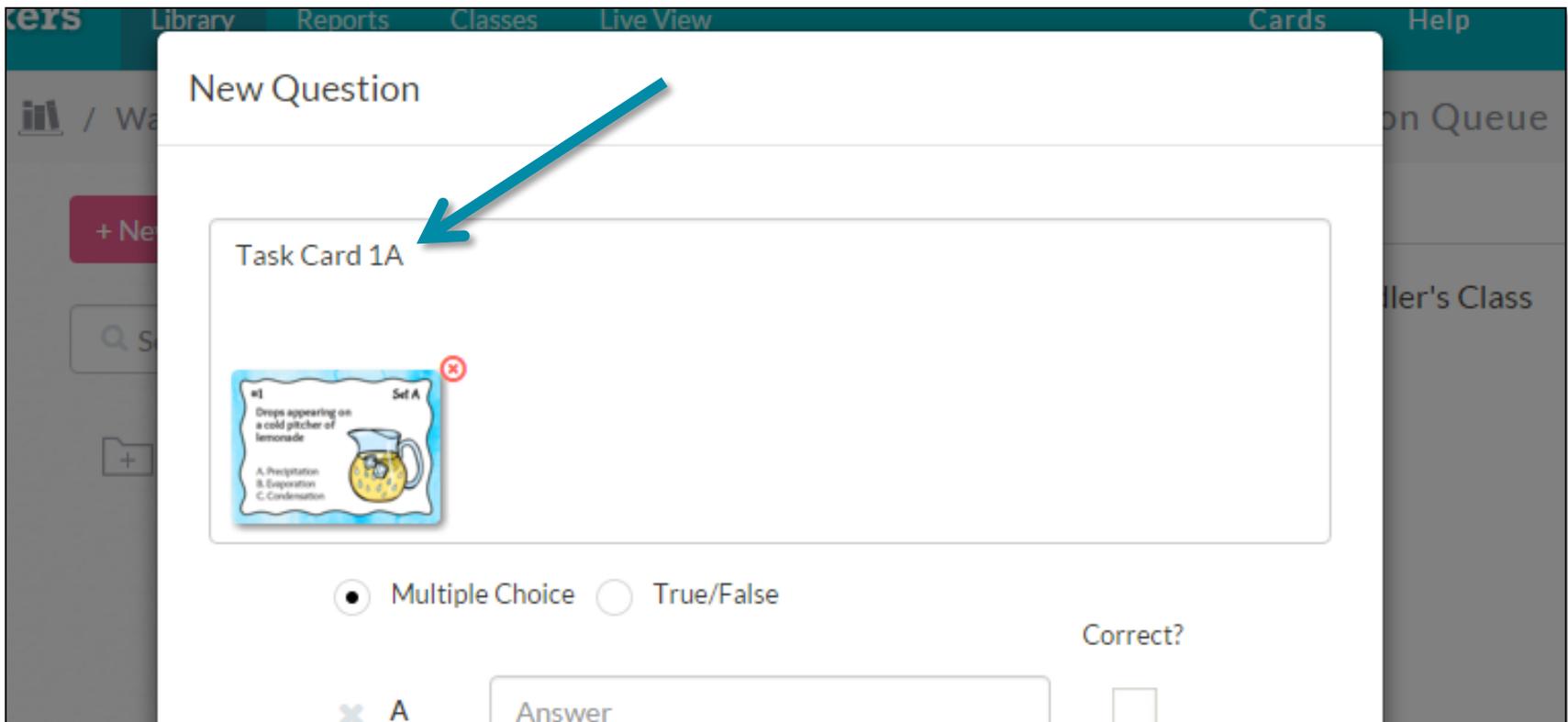
1. Click on **New Question**. A box will pop up where you can enter a question and the answers. Notice the words **Add Image** in the lower right corner of the question box.

The image displays two screenshots of the Plickers web interface. The top screenshot shows the 'Set A Task Cards' folder in the 'My Library' section. A red button labeled '+ New Question' is highlighted with a blue arrow. The bottom screenshot shows the 'New Question' modal form. A blue arrow points to the 'Add question text here...' input field, and a blue circle highlights the 'Add Image' button in the bottom right corner of the form. The form also includes radio buttons for 'Multiple Choice' (selected) and 'True/False', and a table for adding answers with 'Correct?' checkboxes.

	Correct?
<input checked="" type="radio"/> Multiple Choice <input type="radio"/> True/False	
<input type="checkbox"/> A <input type="text" value="Answer"/> <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> B <input type="text" value="Answer"/> <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> C <input type="text" value="Answer"/> <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> D <input type="text" value="Answer"/> <input type="checkbox"/>	<input type="checkbox"/>

How to Add Task Card Questions

2. Instead of typing a question, enter a name to identify the first task card. If you're using the water cycle task cards, enter "Task Card 1A" since this is the first task card in Set A.
3. Click **Add Image** in the lower left corner. Navigate to the folder with the task card images, and upload the first task card.



How to Add Task Card Questions

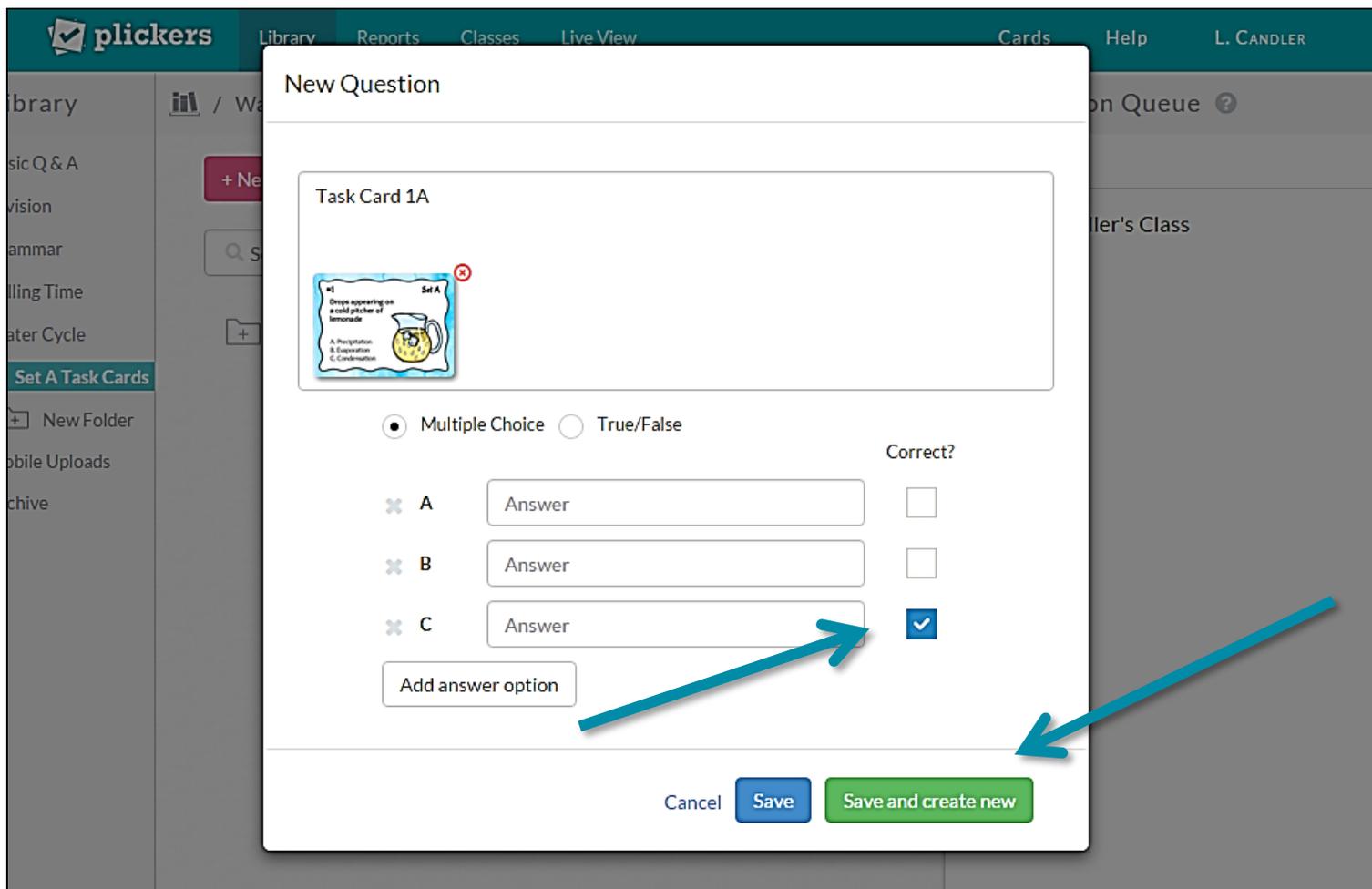
4. Notice that this task card has only 3 answer choices (A, B, and C), but the default setting gives you 4 options. Click the **X** next to choice **D** to remove it as an answer option.

The screenshot shows a task card editor interface. At the top, there is a preview of a task card with the following text: "#1 Set A Drops appearing on a cold pitcher of lemonade" and an illustration of a pitcher with condensation. Below the preview, there are two radio buttons: "Multiple Choice" (selected) and "True/False". To the right of these is the label "Correct?". Below this are four rows of answer choices, each with a text input field containing the word "Answer" and a checkbox. The choices are labeled A, B, C, and D. A red 'X' is positioned to the left of choice D, and a blue arrow points to it from the left. At the bottom of the editor, there are three buttons: "Cancel", "Save", and "Save and create new".

	Correct?
<input checked="" type="radio"/> Multiple Choice <input type="radio"/> True/False	
<input checked="" type="checkbox"/> A Answer	<input type="checkbox"/>
<input checked="" type="checkbox"/> B Answer	<input type="checkbox"/>
<input checked="" type="checkbox"/> C Answer	<input type="checkbox"/>
<input checked="" type="checkbox"/> D Answer	<input type="checkbox"/>

How to Add Task Card Questions

5. If the answers are on the task cards, there's no need to type them here. Just click the box next to the letter of the correct answer to select it.
6. Click **Save and create new**.



How to Add Task Card Questions

Note: If the answer choices are NOT on the task cards, you'll need to type answers here. For example, this division task card does not include answers. After uploading the image, I had to enter the correct answer and three incorrect answers.

The screenshot shows the Plickers interface for editing a task card. The top navigation bar includes 'Library', 'Reports', 'Classes', 'Live View', 'Cards', 'Help', and 'L. CANDLE'. The left sidebar shows 'My Library' with folders for 'Basic Q & A', 'Division', 'New Folder', 'Grammar', 'Telling Time', 'Water Cycle', 'Mobile Uploads', and 'Archive'. The main content area shows 'My Library / Division' with a task card titled 'Division - Level B - #1'. The task card image displays a division problem: $3 \overline{)256}$. Below the image, the question type is set to 'Multiple Choice'. The answer choices are: A: 85r1 (marked correct), B: 84r3, C: 85r2, and D: Other. A blue arrow points to the '85r1' input field. The 'Save' button is highlighted in green.

How to Add Task Card Questions

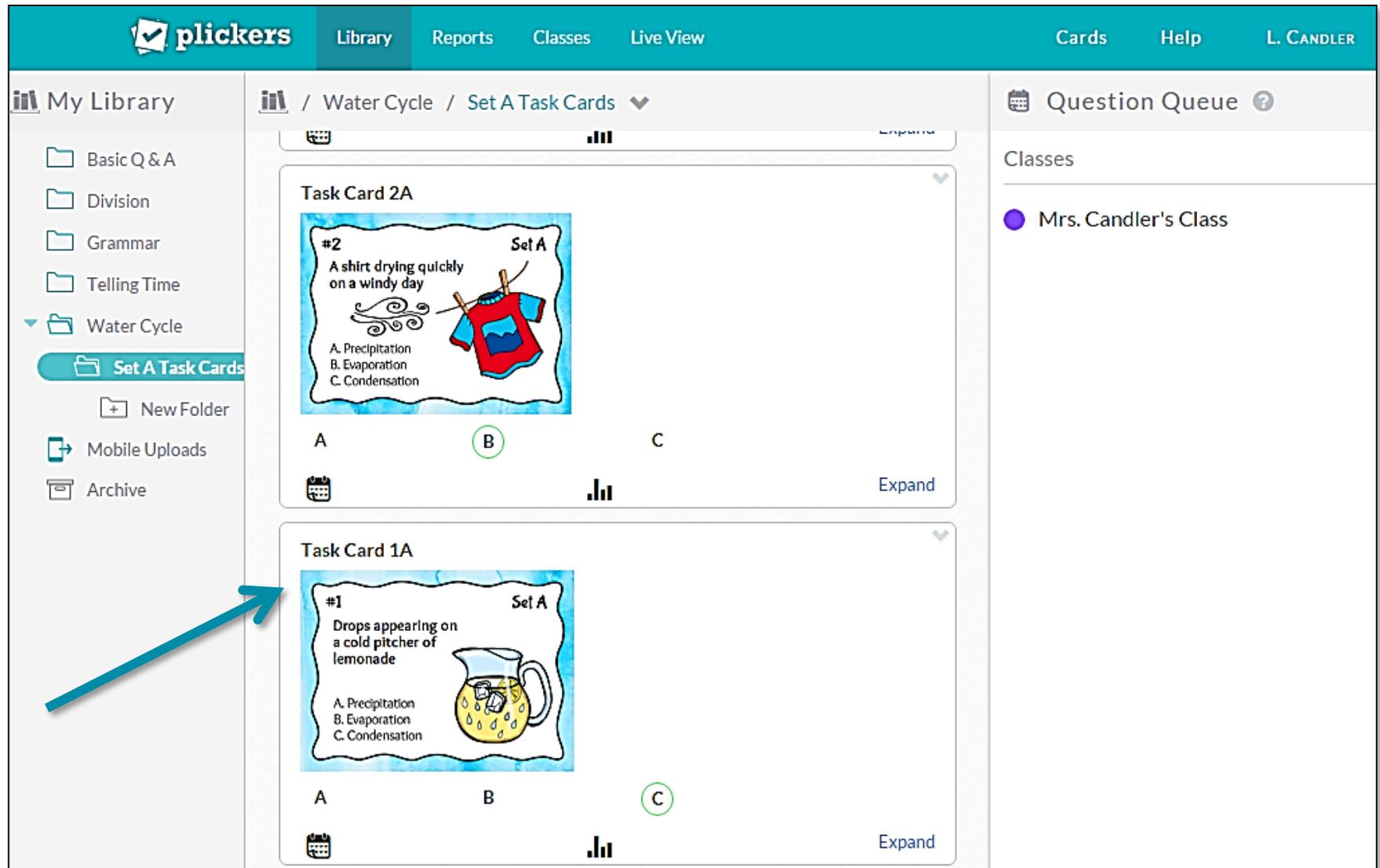
7. Repeat these steps for each task card. After adding the final task card question, click **Save**.

The screenshot shows the Plickers interface with a 'New Question' modal window open. The modal contains the following elements:

- Title:** Task Card 16A
- Image:** A task card image showing a question: '#16 Sweat disappearing from your skin' with a 'Set A' label and a small illustration of a girl. The question options are: A. Precipitation, B. Evaporation, C. Condensation.
- Question Type:** Radio buttons for 'Multiple Choice' (selected) and 'True/False'.
- Answer Options:** Three rows for options A, B, and C. Each row has an 'Answer' input field and a 'Correct?' checkbox. Option B's checkbox is checked.
- Buttons:** 'Cancel', 'Save' (highlighted with a blue arrow), and 'Save and create new'.

How to Add Task Card Questions

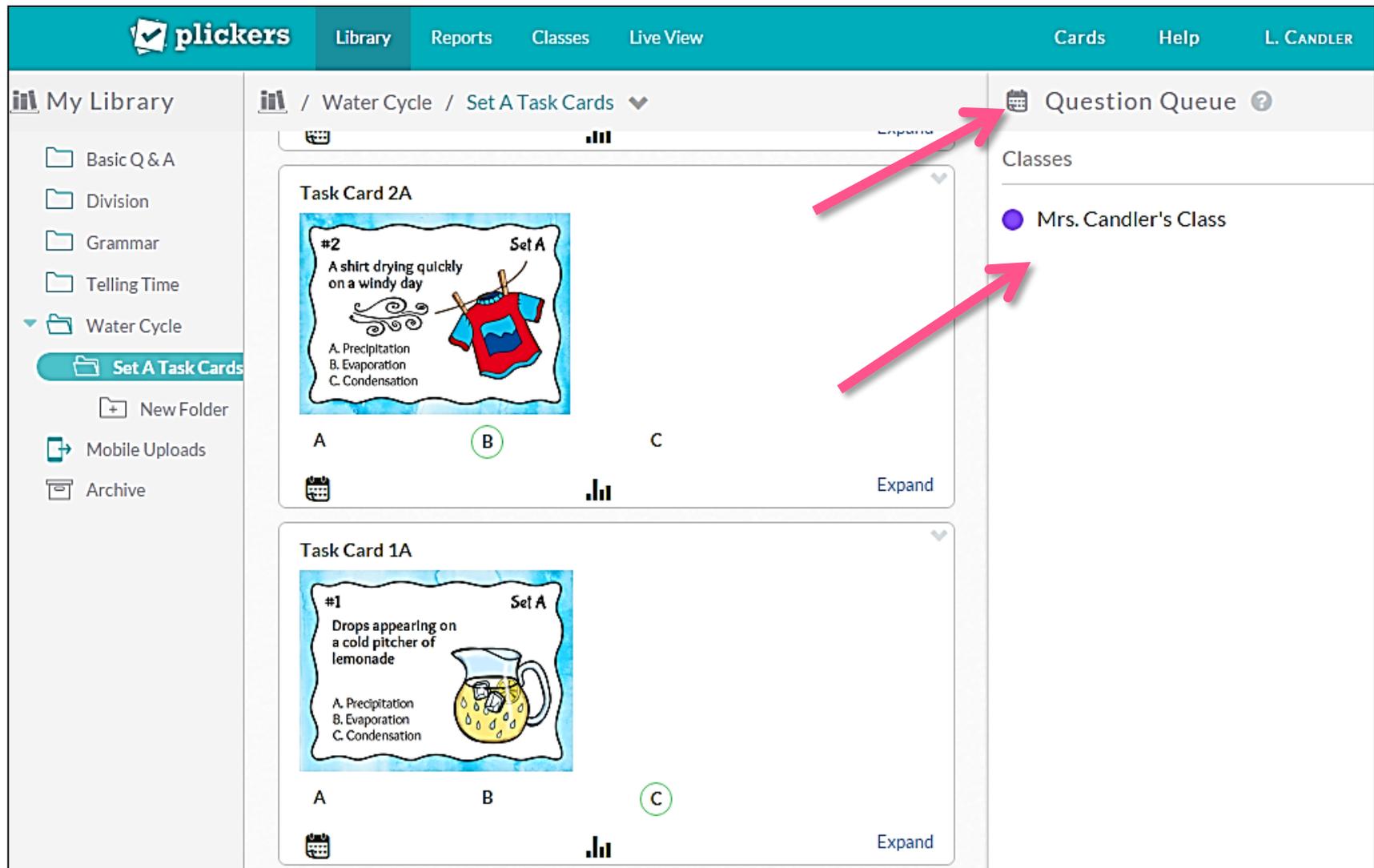
8. You'll be returned to a page where you can review all the questions and answers in this set. Notice that the cards are displayed in reverse order, with the first one at the end.



The screenshot shows the Plickers interface. The top navigation bar includes 'plickers', 'Library', 'Reports', 'Classes', 'Live View', 'Cards', 'Help', and 'L. CANDLER'. The left sidebar shows a 'My Library' section with folders for 'Basic Q & A', 'Division', 'Grammar', 'Telling Time', and 'Water Cycle'. The 'Water Cycle' folder is expanded, showing 'Set A Task Cards' selected. The main content area displays two task cards in reverse order. The top card is 'Task Card 2A' with the question '#2 A shirt drying quickly on a windy day' and an illustration of a shirt on a clothesline. The options are A. Precipitation, B. Evaporation (selected), and C. Condensation. The bottom card is 'Task Card 1A' with the question '#1 Drops appearing on a cold pitcher of lemonade' and an illustration of a pitcher with condensation. The options are A. Precipitation, B. Evaporation, and C. Condensation (selected). A blue arrow points to the 'Task Card 1A' card. The right sidebar shows a 'Question Queue' section with a 'Classes' list containing 'Mrs. Candler's Class'.

How to Add Questions to the Class Queue

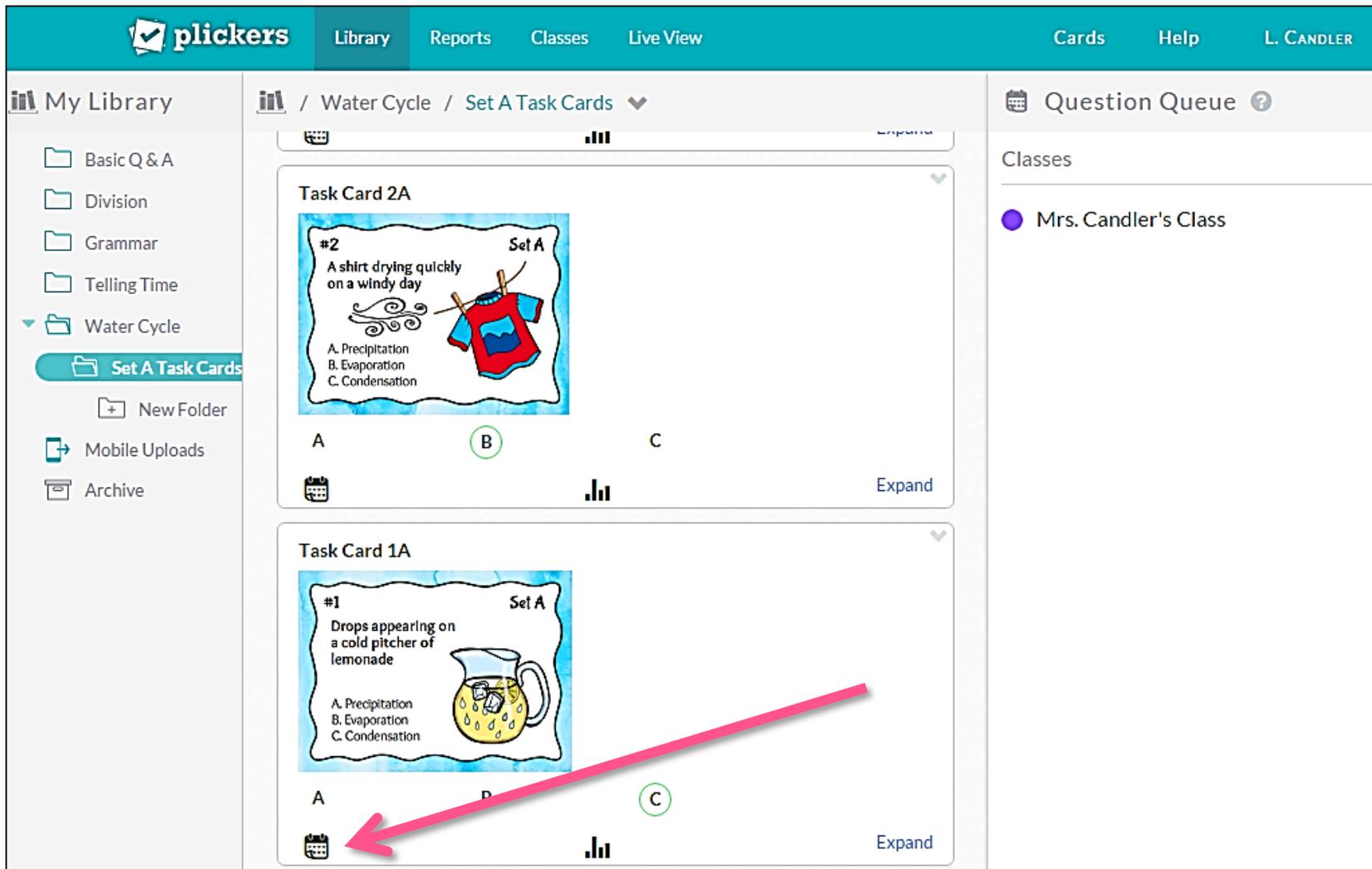
After you create the questions, you have to add each question to the class “queue.” This allows you to enter a large bank of assessment questions in advance without having every question appear in your class question list.



The screenshot displays the Plickers web interface. The top navigation bar includes 'plickers', 'Library', 'Reports', 'Classes', 'Live View', 'Cards', 'Help', and the user name 'L. CANDLER'. On the left, the 'My Library' sidebar shows a tree view with folders for 'Basic Q & A', 'Division', 'Grammar', 'Telling Time', and 'Water Cycle'. The 'Water Cycle' folder is expanded, showing 'Set A Task Cards'. The main content area shows two task cards: 'Task Card 2A' and 'Task Card 1A'. Each card contains a question, an illustration, and three multiple-choice options (A, B, C). In 'Task Card 2A', option B is selected. In 'Task Card 1A', option C is selected. On the right side, the 'Question Queue' panel is visible, showing a list of classes under the heading 'Classes'. A purple circle next to 'Mrs. Candler's Class' indicates that the selected questions are being added to this class's queue. Two red arrows point from the 'Question Queue' panel to the task cards, highlighting the connection between the class and the individual questions.

How to Add Questions to the Class Queue

1. Locate the first question you want to add. You'll find it in the list of questions you entered, and it might be at the end.
2. Click the **Queue** icon in the lower left corner.



The screenshot displays the Plickers web interface. At the top, there is a teal navigation bar with the Plickers logo and menu items: Library, Reports, Classes, Live View, Cards, Help, and L. CANDLER. The main content area is divided into three sections. On the left is a 'My Library' sidebar with folders for 'Basic Q&A', 'Division', 'Grammar', 'Telling Time', and 'Water Cycle'. The 'Water Cycle' folder is expanded to show 'Set A Task Cards'. The middle section shows a list of task cards. The top card is 'Task Card 2A' with a question about a shirt drying quickly and options A (Precipitation), B (Evaporation), and C (Condensation). The bottom card is 'Task Card 1A' with a question about condensation on a pitcher and the same options. A red arrow points to the calendar icon in the bottom left corner of the 'Task Card 1A' card, which is used to add the question to the queue. The right section is titled 'Question Queue' and shows a list of classes, with 'Mrs. Candler's Class' selected.

How to Add Questions to the Class Queue

3. The queue area will expand. Click the words **Add to Queue** and any classes you've entered will appear. Click the title of any class to add the question to its queue. Repeat with all questions.

ers Library Reports Classes Live View

Water Cycle / Set A Task Cards

A. Precipitation
B. Evaporation
C. Condensation

A B C

Task Card 1A

#1 Set A
Drops appearing on a cold pitcher of lemonade

A. Precipitation
B. Evaporation
C. Condensation

A B C

+ Add to Queue...

Task Card 1A

#1 Set A
Drops appearing on a cold pitcher of lemonade

A. Precipitation
B. Evaporation
C. Condensation

A B C

+ Add to Queue...

+ Mrs. Candler's Cla...

How to Add Questions to the Class Queue

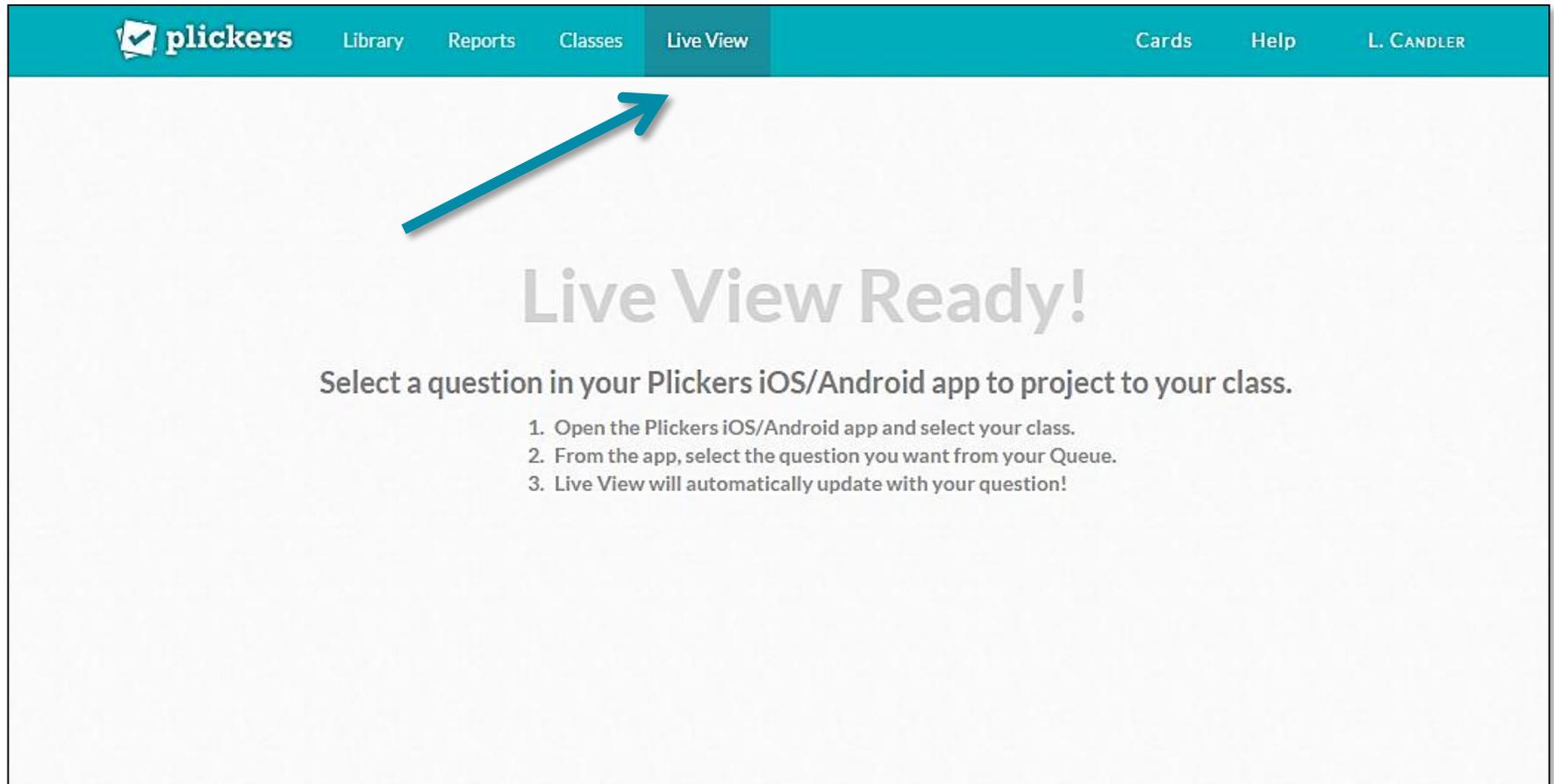
4. As you add questions to your class queue, you'll see them appear on the right panel of your Plickers library. This allows you to see at a glance which questions are in the line up for your class.

The screenshot displays the Plickers web application interface. At the top, there is a teal navigation bar with the Plickers logo and tabs for Library, Reports, Classes, Live View, Cards, Help, and the user name L. CANDLER. The main content area is divided into three panels. The left panel, titled 'My Library', shows a folder structure with 'Water Cycle' expanded to 'Set A Task Cards'. The middle panel shows a question card titled '#4 Water dripping from the lid of a pot of boiling water' with options A. Precipitation, B. Evaporation, and C. Condensation. Below the card is a 'Mrs. Candler's Class' section with an 'Add to Queue...' button. A red arrow points from this button to the right panel. The right panel, titled 'Question Queue', shows a list of 'Classes' with four task cards: Task Card 1A, Task Card 2A, Task Card 3A, and Task Card 4A. Each card has a small preview image and the text 'A. Precipitation'. A 'Help' button is located at the bottom right of the interface.

How to Display Questions and Assess Students

Now comes the fun part – using Plickers with your students! You'll need a computer on which to display the questions for your students and a mobile device with the Plickers app to scan their cards. The mobile device images in this tutorial came from an iPhone, so if you are using a different device, yours may appear differently.

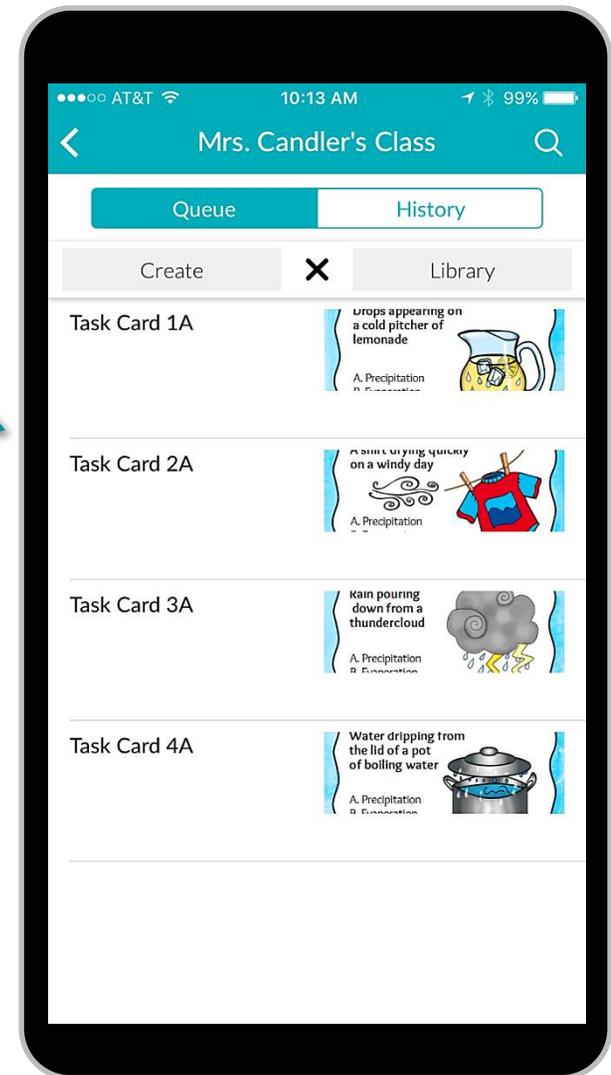
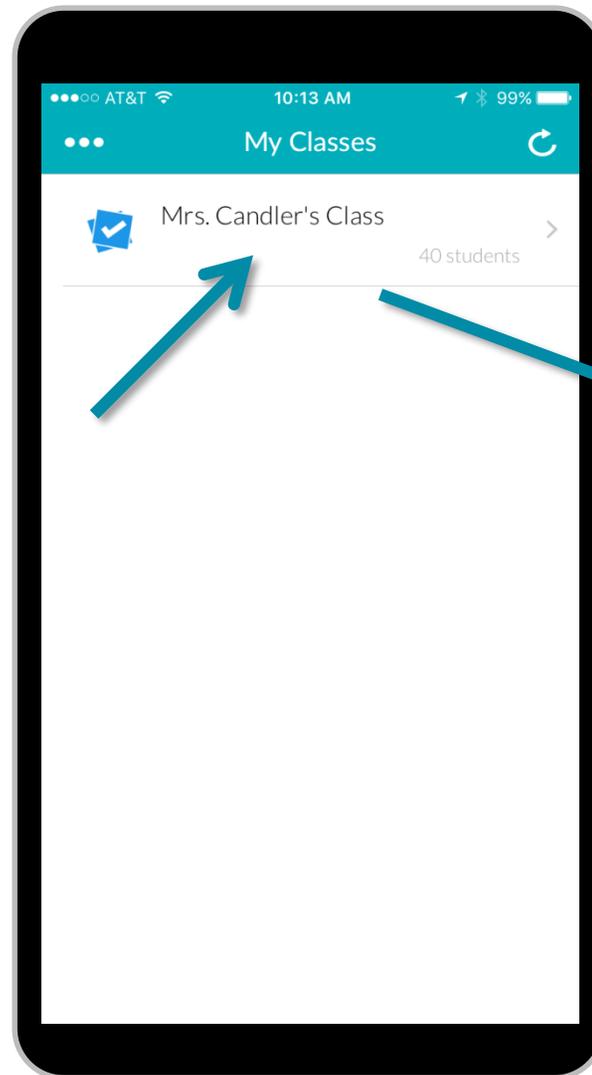
1. On your computer, click **Live View** and you'll see this screen.



The screenshot shows the Plickers web interface. The navigation bar at the top is teal and contains the Plickers logo, 'Library', 'Reports', 'Classes', 'Live View', 'Cards', 'Help', and the user name 'L. CANDLER'. A blue arrow points to the 'Live View' button. The main content area is white and displays the text 'Live View Ready!' in a large, light gray font. Below this, it says 'Select a question in your Plickers iOS/Android app to project to your class.' followed by a numbered list of three steps: 1. Open the Plickers iOS/Android app and select your class. 2. From the app, select the question you want from your Queue. 3. Live View will automatically update with your question!

How to Display Questions and Assess Students

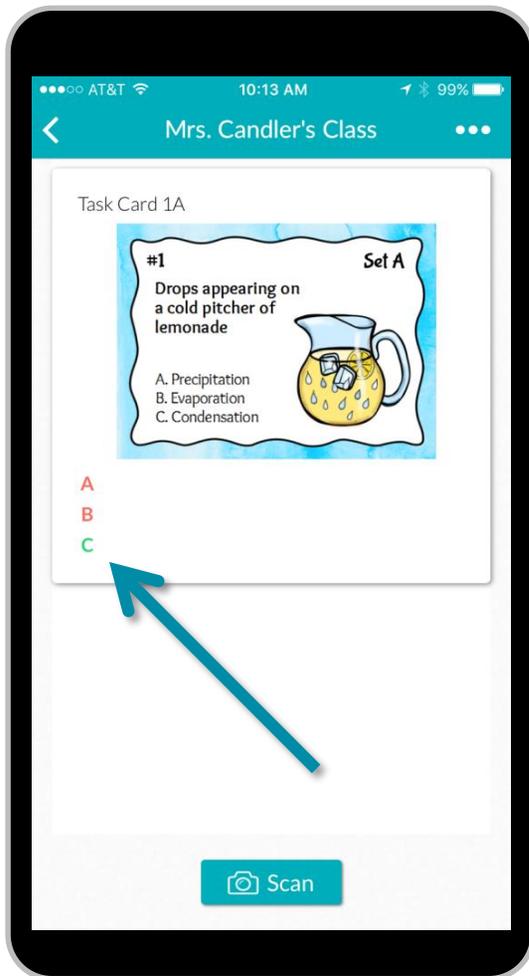
2. On your mobile device, open the Plickers app and you'll see your class, or a list of classes if you have more than one.
3. Click on the class name, and you'll see its question queue.



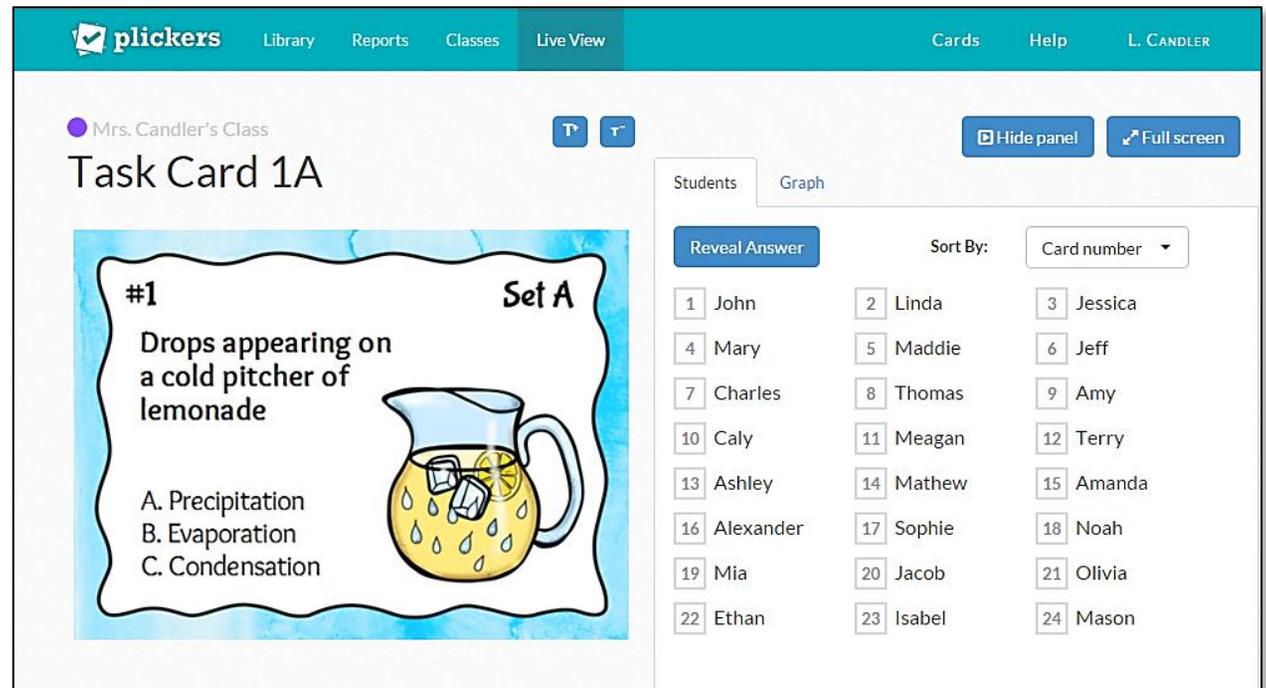
Remember that these images were captured on an iPhone and will look different on other devices.

How to Display Questions and Assess Students

4. Tap the question you want to display for your students. The question will appear on your mobile device as shown on the left. Notice that incorrect answers are shown in red and the correct answer is green.

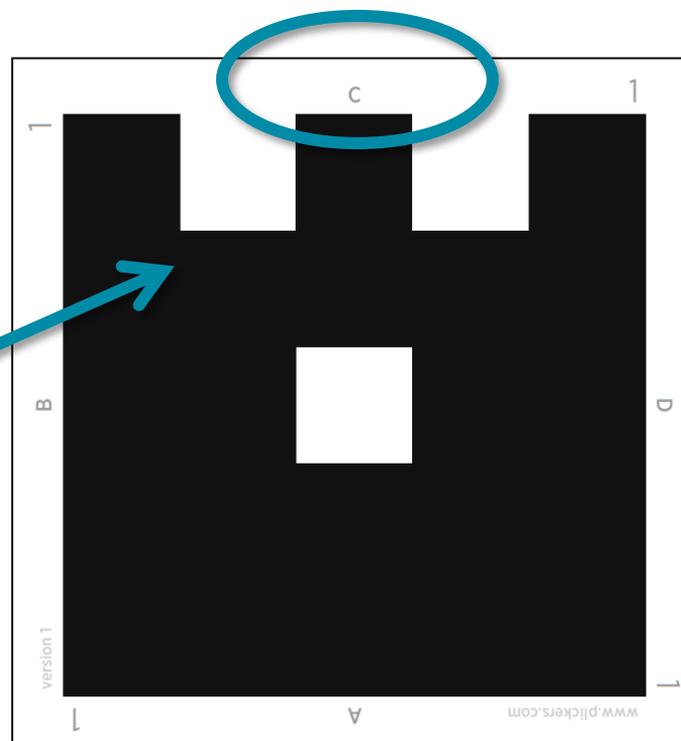
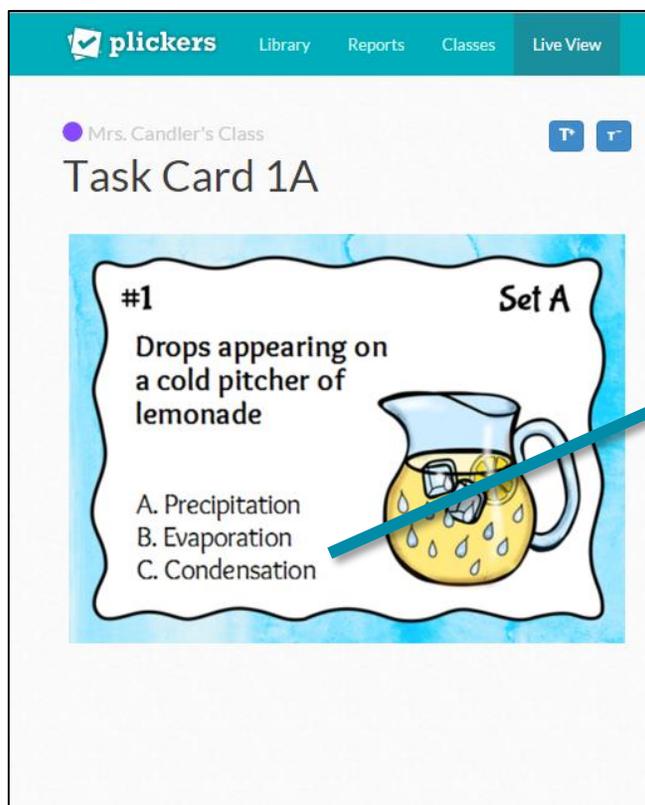


5. At the same time, the question will appear on your computer in **Live View** as shown below. Notice that the correct answer does not appear here as it does on your device.



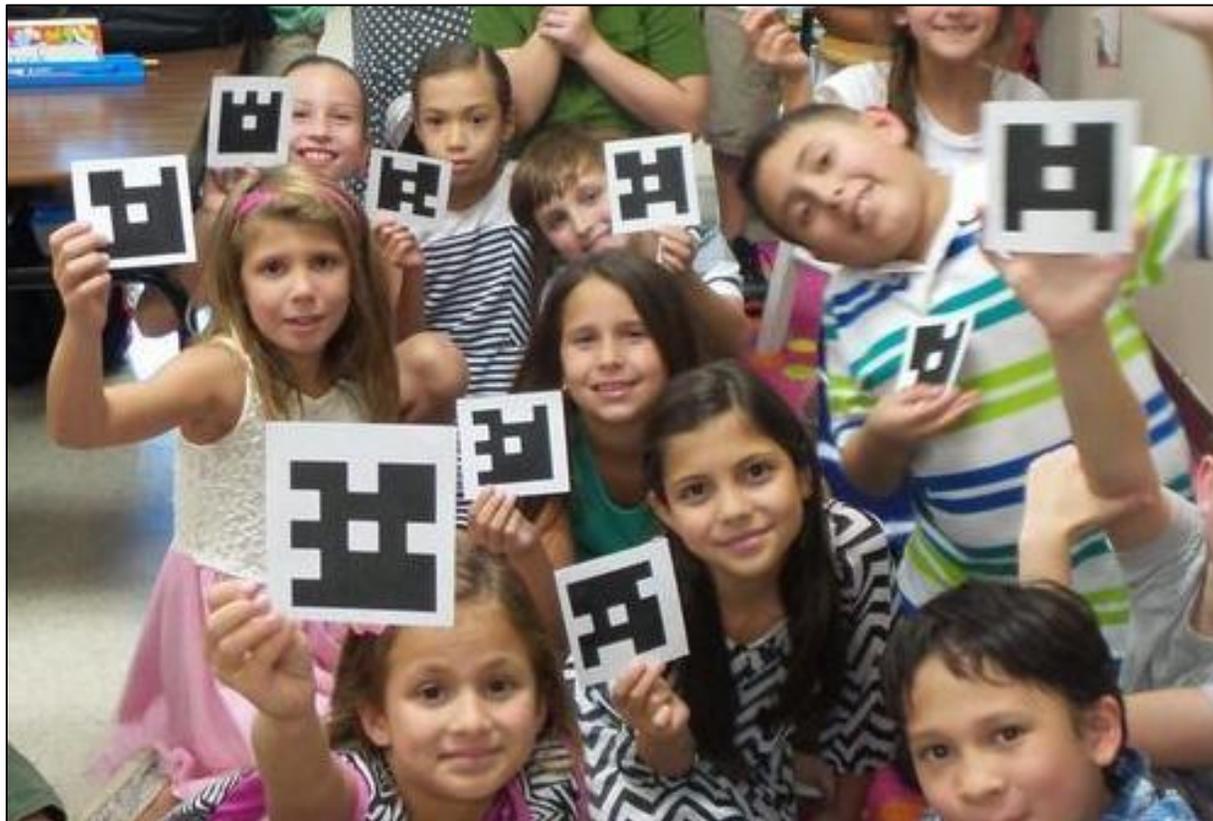
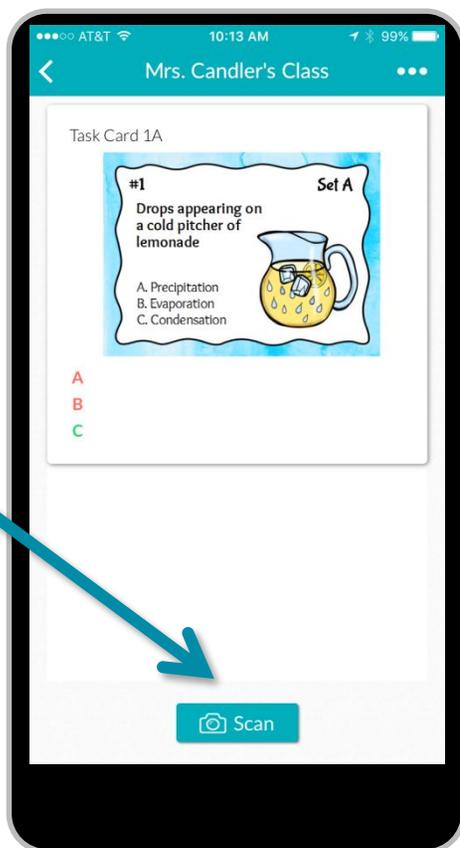
How to Display Questions and Assess Students

6. Ask your students to decide which answer is correct. Then ask them to turn their Plickers so that the letter of that answer is at the TOP of their cards. For example, the correct answer on Task Card 1A below is "C." To show "C" as the answer, students would rotate their cards so the letter "C" is at the top. (The letters are tiny so other students won't be able to read them from a distance.)



How to Display Questions and Assess Students

7. Depending on your mobile device, tap **Scan** or the **Camera icon**.
8. Point the camera lens towards your class and sweep it around the around your room to scan each card. As Plickers reads the cards, your students' names will change to green (correct) or red (incorrect).
9. Repeat with each question.



How to Access Assessment Data

You'll be able to see the data as you collect it, but you can also access it later on your computer. Click on **Reports** to see a list of questions you've used.

Reports Classes Live View

Oct 18, 2015 Mrs. Candler's Class

Correct: 96%

Division - Level B - #1

25

1 0 0

A B C D

Oct 18, 2015 Mrs. Candler's Class

Correct: 100%

Task Card #2

2. After we c
maple tree

0 22 0

A B C

A. Sentence B. F

When you click on the questions, you'll be able to view details about how each student responded.

Division - Level B - #1

Correct: 96%
Total: 26/24

25

1 0 0

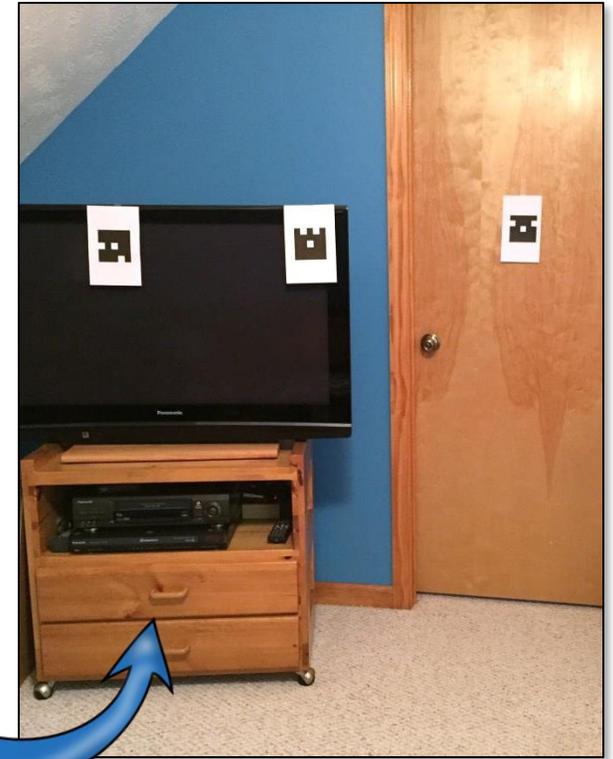
A B C D

Answer	Card #	First name	Last name
A	16	Alexander	
A	15	Amanda	
A	9	Amy	
A	13	Ashley	
A	10	Caly	
A	7	Charles	
A	22	Ethan	
A	23	Isabel	
-	20	Jacob	

A. 85r1
B. 84r3
C. 85r2
D. Other

Overwhelmed? Give Plickers a Test Run!

I hope this tutorial has been helpful, but if you weren't already using Plickers, you might be feeling overwhelmed. If that's the case, give Plickers a test run at home so you'll feel comfortable using it in the classroom. Just print out a few of the free Plickers cards from their website, and set up fake classroom to test out the steps. That's what I did! I taped some Plickers around my bonus room and created 2 or 3 questions. Then I pulled up Live View on my computer and used my mobile device to scan the cards. It took only 15 minutes, and was worth the extra effort.



Plickers is an exciting tool that teachers are using in creative ways. Not only are they using it to assess content-area knowledge, they are creating “on the fly” questions for voting during class meetings. If you're interested in learning more and sharing ideas with other teachers, sign up for my [Plickers Facebook group](#). It's a great way to collaborate with innovative educators. I look forward to connecting with you there! ~ Laura Candler, Teaching Resources



32 Water Cycle Task Cards



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#1 Drops appearing on a cold pitcher of lemonade A. Precipitation B. Evaporation C. Condensation	#2 A shirt drying quickly on a windy day A. Precipitation B. Evaporation C. Condensation	#5 Glue drying inside an interactive notebook A. Precipitation B. Evaporation C. Condensation	#6 Snowflakes drifting to the ground A. Precipitation B. Evaporation C. Condensation
#3 Rain pouring down from a thundercloud A. Precipitation B. Evaporation C. Condensation	#4 Water dripping from the lid of a pot of boiling water A. Precipitation B. Evaporation C. Condensation	#7 Fog inside the windows of a school bus A. Precipitation B. Evaporation C. Condensation	#8 Springtime rain shower A. Precipitation B. Evaporation C. Condensation
#9 Steam from a hot teakettle A. Precipitation B. Evaporation C. Condensation	#10 Safety goggles fogging up in a cold science lab A. Precipitation B. Evaporation C. Condensation	#13 Pond shrinking in size during a drought A. Precipitation B. Evaporation C. Condensation	#14 Dewdrops on a spider web in the morning A. Precipitation B. Evaporation C. Condensation
#11 Beach towel drying in the sun A. Precipitation B. Evaporation C. Condensation	#12 Freezing rain and sleet during a winter storm A. Precipitation B. Evaporation C. Condensation	#15 Morning drizzle on a cool, overcast day at the beach A. Precipitation B. Evaporation C. Condensation	#16 Sweat disappearing from your skin A. Precipitation B. Evaporation C. Condensation
#1 Stream flowing down the side of a mountain A. Precipitation B. Run off C. Evaporation D. Accumulation	#2 Watercolors drying out in an open paint tray A. Precipitation B. Transpiration C. Evaporation D. Evaporation	#5 A puddle disappearing when the sun comes out after a storm A. Precipitation B. Evaporation C. Run off D. Accumulation	#6 Seedling releasing moisture into the air through its leaves A. Precipitation B. Transpiration C. Condensation D. Accumulation
#3 Steam rising from a mug of hot chocolate A. Precipitation B. Transpiration C. Condensation D. Accumulation	#4 Hailstones falling during a summer thunderstorm A. Precipitation B. Transpiration C. Condensation D. Run off	#7 Snow swirling through the air in a blizzard A. Precipitation B. Transpiration C. Condensation D. Accumulation	#8 Test tube liquid levels dropping in a warm science lab A. Precipitation B. Transpiration C. Condensation D. Evaporation
#9 Butterfly's wings drying in the sunshine A. Precipitation B. Run off C. Evaporation D. Accumulation	#10 Fresh water in a lake A. Precipitation B. Transpiration C. Condensation D. Accumulation	#13 Layers of snow packing together to form glaciers A. Condensation B. Transpiration C. Accumulation D. Run off	#14 Water drops appearing on a cold drink when the air is humid A. Precipitation B. Transpiration C. Evaporation D. Accumulation
#11 Clouds forming when hot and cold air masses meet A. Precipitation B. Transpiration C. Condensation D. Accumulation	#12 Water pouring over a high waterfall A. Run off B. Transpiration C. Condensation D. Collection	#15 Water vapor being given off from the leaves of a tree A. Precipitation B. Transpiration C. Condensation D. Accumulation	#16 Icy pellets of sleet falling during a winter storm A. Accumulation B. Transpiration C. Condensation D. Precipitation

