

Project title: Rockin' The Kiln	
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Title Slide
<p>Prompt Title: Rockin' the Kiln Subheading: How to get started with a kiln</p>
<p>Programming notes Jump to Intro slide when user selects the "Get Started" button.</p>

Intro
<p>Prompt You were hired as an art teacher, and discover that your district has just purchased a new kiln. This is the first time that you will be starting a ceramics program on your own.</p>
<p>Programming notes Jump to Tip Sheet Intro slide when user selects Continue button.</p>

Tip Sheet Intro

Prompt

After some research, you find some tips. Select the icon on the top left to view it at any time. Try doing so now before continuing.

Programming notes

Disable the continue button until user views the tip sheet.

Display tip sheet when user selects the icon. Tip sheet screen includes “Download” button at bottom center (which downloads the tip sheet to the user’s computer) and an “X” icon in the top right (which hides the tip sheet).

Jump to Joyce Intro slide when user selects Continue button.

Joyce Intro

Prompt

Joyce is an experienced art teacher and is happy to help out with any questions. Click on her image on the top right if you get stuck.

Display Joyce waving on the screen

Programming notes

Jump to Success Meter Intro slide when user selects Continue button.

Success Meter Intro

Prompt

It is your responsibility to make sure that your students receive a high level experience in ceramics. The meter above will show you the likelihood of success.

Display success meter on the top middle of the screen.

Display Joyce Icon on top right

Joyce Advice:

Remember that being a good teacher is about learning and adjusting as you go. Take your time, ask questions and you will be great!

Programming notes

Jump to Question 1 slide when user selects Continue button.

Jump to Joyce Advice if user clicks Joyce Icon

Return to Success Meter Intro when user clicks Back on Joyce Advice slide.

Question 1

Question: You enter the kiln room to see that the kiln has already been installed and vented by maintenance. The kiln furniture and other equipment is still boxed. What do you do?

Choice A: Leave everything how it is until you need it

Choice B (correct): Open the boxes, find the manual and check to make sure that everything has arrived and is set up properly.

Choice C: Turn it on right away! This is so exciting!

Joyce Advice: Keep in mind that safety should always come first. When dealing with a kiln in a classroom there are many details that must be addressed.

Programming notes

Jump to Joyce Advice if user clicks Joyce Icon

Return to Question 1 when user clicks Back on Joyce Advice slide.

If user selects Choice A, subtract 3 from success meter and show the following prompt with a continue button:

Prompt: That is taking a chance. When you try to fire the kiln the first time, it doesn't go on. It takes maintenance a month to get over and fix the issue. Your students are frustrated that it is taking so long.

If user selects Choice B, add 4 to success meter and show the following prompt with a check manual button:

Prompt: The manual will have the specifications for spacing, venting and electrical. If it is not set up correctly, you will have plenty of time to put in a work order and get it fixed.

If user selects Choice C, add 0 to success meter and show the following prompt with a continue button:

Interviewer Prompt: You should never turn a kiln on with cardboard boxes next to it and without first checking to make sure that everything is safe for use.

Jump to Check Manual slide when user selects Continue button.

Check Manual

Prompt: While unpacking, you come across the manual. Select the icon next to the tip sheet to check the manual for the proper set-up.

Display Kiln room set-up image

Display manual icon to the right of the tip sheet icon

Programming notes

Disable the continue button until user views manual.

Display manual layer when user selects manual icon.

Jump to After Check Manual slide when user clicks continue button.

After Check Manual

Prompt: Here is what your kiln set up looks like. Make sure that each of the items listed in the manual are correct by selecting them before continuing.

Shut-Off Image: Is the shut off switch easily available?

Shut-Off Image Success: Yes, the emergency shut off switch in the same room.

Breaker Box Image: Is the breaker in the correct location?

Breaker Box Image Success: Yes, the breaker box is within 25 feet of the kiln.

Shelf Image: Is proper shelving used near the kiln?

Shelf Image Success: Yes, the breaker box is within 25 feet of the kiln.

Vent Image: Is the kiln properly vented?
Vent Image Success: Yes, it is vented out of the building

Programming notes

Disable the continue button until user selects each safety item.

Display success prompt along with a green circle and a green check mark while hiding the original query.

Kiln Prep

Prompt: Now that you know that the kiln is safely and efficiently installed, watch each video below to finish getting the kiln ready.

Video A: Vacuuming out the kiln

Video B: Kiln wash the shelves

Video C: Conduct a test fire

Programming notes

Disable the continue button until user views all 3 videos

Display appropriate video clip when user selects each icon. Each video screen includes "X" icon in the top right (which returns user to kiln prep).

Question 2

Question: The kiln is set up correctly and all the equipment is inventoried and organized. What is your next step?

Choice A: Turn it on and fire a load of bisque ware!

Choice B: Since it is already set up, don't touch it until you are ready to use it.

Choice C(correct): Vacuum out the coils, kiln wash the shelves and conduct a test fire

Joyce Advice: Remember what you read on the tip sheet and be patient. Some work now will save you time later!

Programming notes

Jump to Joyce Advice if user clicks Joyce Icon
Return to Question 2 when user clicks Back on Joyce Advice slide.

If user selects Choice A, subtract 5 from success meter and show the following prompt with a Continue button:

Prompt: Whoa! Slow down! Just because it is set up correctly does not mean that you can turn it on without first completing the remaining kiln prep.

If user selects Choice B, subtract 5 from success meter and show the following prompt with a Restart button:

Prompt: This is the time to learn about this piece of equipment and make sure that it is firing properly. Once school starts, there will be too much pressure to take your time.

If user selects Choice C, add 5 to success meter and show the following prompt with a a Continue button:

Prompt: Taking the time to prepare your kiln properly will increase chances of success as well as prolong the life of the kiln.

Question 3

Question: Students have begun finishing clay projects, what do you do next?

Choice A (correct): Store the projects on the metal shelves, draping them in plastic to control drying time.

Choice B: Load them in the kiln and fire them to get the projects back to the kids as soon as possible.

Choice C: Load them in the kiln, prop the lid open and turn on one element on low to dry them faster.

Joyce Advice: Remember that clay is made of water and dirt. What happens to water when it is heated up? Think about how built up steam will affect your pottery.

Programming notes

Jump to Joyce Advice if user clicks Joyce Icon
Return to Question 3 when user clicks Back on Joyce Advice slide.

If user selects Choice A, add 5 to success meter and show the following prompt with a continue button:

Prompt: Great forethought! The projects need to dry evenly and completely before firing. If some parts dry too quickly, cracks will form. Patience is your friend in working with clay

If user selects Choice B, subtract 5 from success meter and show the following prompt with a restart button:

Prompt: I know that you want to get projects back to the kids fast but this will end up leaving you with a kiln full of broken clay projects.

If user selects Choice C, subtract 4 from success meter and show the following prompt with a continue button:

Prompt: It is possible that this will work, but not probable. If you are not there to watch the kiln, you will not be able to fix any issues that arise. Also, rushing drying time will likely result in cracking and possibly in broken projects.

Question 4

Question: The clay projects were bisque fired and are glazed. What should you do to finish the projects successfully?

Choice A: Store the projects on the metal shelves and allow to fully dry before firing

Choice B: Stack them in the kiln to fire as many as possible.

Choice C (correct): Load them in the kiln, making sure that they do not touch each other or the walls of the kiln.

Joyce Advice: Keep in mind that bisque ware is porous and absorbs water. Also, when glaze is heated up, it becomes molten and then hardens as it cools.

Programming notes

Jump to Joyce Advice if user clicks Joyce Icon
Return to Question 4 when user clicks Back on Joyce Advice slide.

If user selects Choice A, subtract 2 from success meter and show the following prompt with a continue button:

Prompt: Glaze does not need to dry prior to loading it into the kiln. This will not damage anything, just make it take longer

If user selects Choice B, subtract 5 from success meter and show the following prompt with a restart button:

Prompt: They will fuse to anything they touch and then be stuck once cooled.

If user selects Choice C, add 5 to success meter and show the following prompt with a continue button:

Prompt: Perfect! Glazed projects do not need to dry and can be fired immediately. You must make sure that they do not touch one another or the walls.

Jump to Success slide when user selects Continue button if they have answered all of the questions correctly.

Jump to the Fail slide when user selects Continue button if they have not answered all of the questions correctly.

Jump to the Glaze Fail slide when user selects Continue button if they answered question 2 or 4 incorrectly

Success

Interviewer Prompt

Congratulations! The ceramics were a hit at the student art show!

Programming notes

Jump to Review slide when user selects Continue button.

Fail

Interviewer Prompt

You cut corners and your students are very upset that not all of their projects made it through the firing process successfully.

Programming notes

Jump to Review slide when user selects Continue button.

Glaze Fail

Interviewer Prompt

You forgot to kiln wash your shelves and had several pieces melt to the shelf; ruining both the ceramics as well as the shelf

Programming notes

Jump to Review slide when user selects Continue button.

Review

Select each of the buttons below to learn more about how you did on each question.

Question 1 Button

Caption: Question 1

Title: Safety First

Question 2 Button

Caption: Question 2

Title: Do Your Research

Question 3 Button

Caption: Question 3

Title: Take your Time

Question 4 Button

Caption: Question 4

Title: Ask Questions

Restart and Exit buttons at bottom of screen.

Programming notes

Display a checkmark or X icon beneath each button's title based on whether the user answered that question correctly or incorrectly, respectively.

Show Layer when user selects Question 1 Button

Heading: Safety First

Subheading: Safety should always be your first concern when dealing with a kiln in a classroom

Content: As the teacher, it is your responsibility to make sure that everyone is safe. Being that you are unfamiliar with this kiln, the very first thing that you should do is make sure you know how the manufacturer intended the kiln to function.

Show Layer when user selects Question 2 Button

Heading: Do Your Research

Subheading: If you are unsure do research before going any further

Content: Your students' artwork is at stake here. Make sure that you are sure of the next steps before moving on. A mistake, even a small one could ruin an entire load of pottery.

Show Layer when user selects Question 3 Button

Heading: Take Your Time

Subheading: Always take your time. Patience is your friend when working with ceramics.

Content: When in doubt, wait. There is no harm caused by waiting until you have a sure answer. In a way, the firing process is a chemical reaction and generally can not be rushed or tweaked.

Show Layer when user selects Question 4 Button

Heading: Ask Questions

Subheading: Don't be afraid of asking questions or for help if you are unsure about how to proceed.

Content: Joyce offered herself as an expert and encouraged you to ask her any questions. She was a new teacher also and asked for help too. This is part of humbling yourself to the learning process.

Restart course when user selects Restart button.

Exit course when user selects Exit button.