Carbofuse CO₂ Injection System Training

Target Audience: Employees in pet and aquarium stores across the USA and Canada. Specifically, this training is intended for employees who work in the aquatic department of a pet store or in a store that specializes in aquariums with live plants and fish.

Learning Objectives:

- 1. Describe how CO₂ Injection affects the planted aquatic environment.
- 2. Identify the functions of the Carbofuse CO₂ Injection System components.
- 3. List the installation steps of the Carbofuse CO₂ Injection System.
- 4. Explain the operation of the Carbofuse CO₂ Injection System.

Seat Time: 20-30 Minutes

Outline:

- Welcome
- Navigation
- Learning Objectives
- When is CO₂ Injection Needed?
- Effects of CO₂
- Knowledge Check
- Product Components
- Knowledge Check
- Installation
- Installation Simulation
- Setup & Programming
- Operation
- Operation Simulation
- Checking CO₂ Levels
- Final Assessment
- Summary
- Congratulations
- Font: Open Sans Extra Bold 22 (Slide Headings/Titles) Open Sans SemiBold 18 (Instructions/Subheadings) Open Sans Body 18 (Feature Text)

Custom Border and Title:

Title			

Color Palette with Hex Color Codes:

890D00 4C8512 04617B 000000

Open Sans Body 14 (Body Text)

Directions: Please review information for accuracy and completeness with the understanding that beyond this phase we are moving the design into development.

Please track changes and leave comments as you review. You may use the built-in comments feature in Google Docs.

Slide layers are indicated by using the same number as the base layer slide, followed by a, b, c, etc. for each consecutive layer.

Images of components are used with permission from Aquarium Co-op, 9661 Firdale Ave, Edmonds, WA 98020, United States.

Background images and videos are sourced from the Articulate 360 Resource Library and from Canva.

Font size and style is indicated for each slide based on the font information stated above.

Custom border and title should appear on every slide unless otherwise indicated.

This course contains three scenes. Scene 1 is the main course. Scene 2 contains installation steps. Scene 3 contains a lightbox slide.

The course offers closed captioning throughout that can be turned on on the welcome screen.

Module Resources/References: None

Slide [1.1]/ Menu Title: Welcome			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
No top/bottom border	[Slide Title]	[Calming music playing in the background]	The Start and Navigation buttons will fly in
	Carbofuse CO ₂ Injection System		from the left timed with the VO reference.
Background video: Video of	for Planted Aquariums	Welcome to the Carbofuse CO ₂ Injection	
fish swimming in a heavily		System for Planted Aquariums training. To	The Start button will jump to slide 1.3
planted aquarium	[Buttons}	begin the course, you can click the start	
	Start	button. If you'd like to learn about how to	The Navigation button will jump to the next
Course title set in		navigate the course, you can click the	slide (slide 1.2)
semitransparent shape	Navigation	navigation button.	
overlaying the background			CC Toggle will turn CC on or off for the whole
video	CC Toggle Switch		course. When the CC is turned on, there is a
			small rectangle indicating that CC is turned
Custom Start and	[Subscript]		on. The rectangle disappears when toggled
Navigation Buttons are	Toggle the switch to turn		off.
partially off the left side of	captions on for the entire course.		
the slide so that when they			
fly in, they appear from the			
left and the buttons extend			
like tabs into the slide.			
Below the Start and			
Navigation buttons is a CC			
icon and toggle. The			
subscript is located just			
below the CC icon and			
toggle.			

Slide [1.2]/ Menu Title: Navigation			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Player shows Menu on the left.	[Slide Title] Navigation	Please take a moment to familiarize yourself with the course player so you feel	Caption bubbles with text labels will fade in timed with their reference in the audio.
Background image: Photographic image of a fish in a planted aquarium;	[Captions] Next	comfortable with the navigation of this course. If you know your way around, you may proceed to the next slide.	A bubble will originate near the fish in the picture as if it were blowing the bubble. The bubble will float down and move to the
centered on slide with a black border; background is set to a palette color	Previous Accessibility Volume Replay	If you'd like to go forward or backward in the course, click the next or previous buttons. Accessibility options are located here. To adjust the volume, click the volume icon.	applicable Player features timed with the VO reference. As the bubble reaches the Player feature, the caption shape with the

Caption bubbles with labels	Seekbar	Click the replay button to see the entire slide	applicable label text will fade in on the slide
point to player features	Play/Pause	again or adjust the seekbar at any time to	and remain in place.
	Menu	review a portion of the slide. You can also	
Video of the slide in the	Open/Close Menu	pause the player. Click the same button again	Next button is set to normal at the beginning
modern player can be used		to resume play. Revisit a slide by using the	of this slide so the learner can skip ahead if
so that player features do		menu on the left. Finally, you can open and	they decide to.
not "move" if the menu is		close the menu by clicking the three lines	
collapsed.		here. Click the next button now to begin the	The Next button will jump to the next slide
		course.	(slide 1.3)

Slide [1.3]/ Menu Title: Learning Objectives			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
On the right side of the	[Slide Title]	By the end of this module, participants will be	Objectives will appear timed with the
slide, taking up almost half	Objectives	able to	reference in the VO.
of the slide, is a photographic image of a planted aquarium.	[Subheading] By the end of this module, participants will be able to:	Describe how carbon dioxide injection affects the planted aquatic environment.	Rectangle flies in from the left. The Next button will jump to the next slide
On the left is a rectangle of a palette color that extends from the top to the bottom	[Body] Describe how carbon dioxide	Identify the functions of the Carbofuse CO ₂ Injection System components, and,	(slide 1.4)
border. The subheading and objectives appear on the rectangle.	injection affects the planted aquatic environment.	List the installation steps of the Carbofuse CO_2 Injection System.	
	Identify the functions of the Carbofuse CO2 Injection System Components.	Explain the operation of the Carbofuse CO_2 Injection System.	
	List the installation steps of the		
	Carbofuse CO ₂ Injection System.		
	Explain the operation of the		
	Carbofuse CO ₂ Injection System.		

Slide [1.4]/ Menu Title: When is CO ₂ Injection Needed?			Objective: [1]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Partial photo of the	[Slide Title]	Customers may ask if CO2 Injection is right for	Text fades in times with VO reference.
Carbofuse System with an	CO2 Injection	them.	
aquarium on the left. The			Photo flies in from the left.

picture takes up about ¼ of	[Feature Text]	Aquariums that are not heavily planted may	
the slide.	Customers may ask if CO ₂	not need CO2 injection. However, if the	The Next button will jump to the next slide
	Injection is right for them.	customer is looking for a lush aquatic environment filled with thriving plants, the	(slide 1.5)
Contraction of the second	Aquariums that are not heavily	Carbofuse CO2 Injection System is the perfect	
	planted may not need CO ₂	solution.	
	Injection.		
		In order to ensure success, it is important that	
1	In order to ensure success, it is	customers understand the effects of CO2	
	important that customers	injection – both positive and negative.	
	understand the effects of CO ₂		
	Injection - both positive and		
On the right is a box for the	negative.		
text in one of the palette			
colors. This box extends			
from the top to the bottom			
border.			

Slide [1.5]/ Menu Title: Effects of CO ₂			Objective: [1]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Entire background is a	[Slide Title]	When CO ₂ increases in the aquarium, pH	Text fades in timed with VO reference.
palette color.	Effects of CO ₂ on the Planted	decreases. Conversely, when CO ₂ decreases,	
	Aquarium	pH increases. This is usually not an issue	An icon representing CO ₂ and an icon
There is a picture of an		when there is no additional CO_2 injection.	representing pH appear on the photo of the
aquarium with the lights	[Feature Text 1]		aquarium timed with the VO reference.
"neutral" (not on or off) on	When CO ₂ increases in the	When using a CO ₂ injection system, however,	Arrows emerge from behind the icons when
the right side of the slide.	aquarium, pH decreases.	it is important to understand how CO ₂ , pH,	the VO says "increases" and "decreases" to
	Conversely, when CO ₂ decreases,	plants and animals interact. This has to do	illustrate what is increasing and decreasing.
Text is on the left side of	pH increases.	with light. Turn the lights on and off using the	The arrows are on a repeating motion path
the slide.	This is usually not an issue when	slider to learn more.	to make them appear like they are
	there is no additional CO ₂		repeatedly moving up or down. Feature text
A slider is below the picture	Injection.		1, arrow and icons fade out after VO says
with "ON" and "OFF"			"additional CO ₂ injection."
labels.	[Feature Text 2]		
	When using a CO ₂ Injection		Feature Text 2 fades in timed with the VO.
	system, it is important to		
	understand how CO ₂ , pH, plants		A slider appears under the photo timed with
	and animals interact.		the VO reference. The slider has three stops:
	This has to do with light.		ON, neutral and OFF. "ON" and "OFF" are

Turn the lights on and off using the slider to learn more.	labeled on the slider. The slider begins in the neutral position and will bring the learner to each layer when toggled on or off. The learner should be able to toggle the slider to "ON" or "OFF" as they please to visit either layer in any order.
	The slider should be configured so that when layers "A" and "B" are closed, the slider is in the same position that it was in before the layer is closed.
	The Next button is disabled until both layers have been visited. The Next button will jump to the next slide (slide 1.6)

Slide [1.5a]/ Menu Title:	Slide [1.5a]/ Menu Title:		
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This layer is formatted like	[Feature Text appears below Slide	When the aquarium lights are on, plants are	Feature and body text fade in timed with the
the base layer so that the	Title]	photosynthesizing and consuming carbon	VO reference.
aquarium picture is in the	Lights On	dioxide.	
same spot, but is			Slider is in the "on" position when this layer
illuminated so it appears	[Body]	As CO2 is added to the environment, plants	begins and can be moved to the "off"
the lights have turned on in	When the aquarium lights are on,	consume it and the excess is lost into the air.	position to take the learner to layer B, if
the aquarium.	plants are photosynthesizing and		desired. Learner can also close this layer and
	consuming carbon dioxide.	Because CO2 is being consumed quickly	return to slide 1.5 and then move the slider
The slider should be in the		enough, pH remains stable in the aquarium.	to the "off" position to go to layer 1.5b.
"on" position when this	As CO2 is added to the		
layer begins.	environment, plants consume it		Slider and "Close X" icon should remain
	and the excess is lost into the air.		disabled until VO is complete on this layer.
There is a "Close X" icon in	Decessor CO2 is being consumed		This lower can be closed by clicking on the
the upper right corner of the slide so the user can	Because CO2 is being consumed		This layer can be closed by clicking on the "Close X" icon.
	quickly enough, pH remains stable in the aquarium.		Close X ICOII.
close the layer and return to the base layer.			When closed, the slider should end up in the
to the base layer.			"on" position on the base layer.

Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide is formatted like	[Feature Text appears below Slide	When the aquarium lights are off, plants stop	Feature and body text appear in time with
the base layer so that the	Title]	photosynthesizing and consuming CO2.	the VO reference.
aquarium picture is in the	Lights Off		
same spot, but is darkened		If the CO2 injection system is left on, carbon	Drop checker picture appears with VO
so it appears the lights have	[Body]	dioxide can build up to dangerous levels and	reference.
turned off in the aquarium.	When the aquarium lights are off,	pH can drop too low.	
	plants stop photosynthesizing		Slider is in the "off" position when the layer
The slider should be in the	and consuming CO2.	For this reason, it is important to turn off the	begins and can be moved to the "on"
"off" position.		CO2 system when the lights go off.	position to take the learner to layer A, if
There is a "Close X" icon in	If the CO2 injection system is left		desired. Learner can also close this layer and
the upper right corner of	on, carbon dioxide can build up	A drop checker (pictured below) and pH test	return to slide 1.5 and then move the slider
the slide so the user can	to dangerous levels and pH can	kit can be used to monitor levels, if desired.	to the "on" position to go to layer 1.5a.
close the layer and return	drop too low.		
to the base layer.			Slider and "Close X" icon should remain
	For this reason, it is important to		disabled until VO is complete on this layer.
A photo of a drop checker	turn off the CO2 system when the		
is below the text.	lights go off.		This layer can be closed by clicking on the
			"Close X" icon.
	A drop checker (pictured below)		
	and pH test kit can be used to		When closed, the slider should end up in the
	monitor levels, if desired.		"off" position on the base layer.

Slide [1.6]/ Menu Title: Knowledge C	Check		Objective: [1]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Knowledge Check and Quiz slides	[Slide Title]	Before we continue, let's make sure you	Matching Drag and Drop.
should all be formatted the same	Knowledge Check	understand how CO2 injection affects the	
throughout the course.		aquatic environment.	Instructions and Matching Drag and Drop
	[Instructions]		options appear timed with VO reference.
Background is a photo of a planted	Match the sentence	Match the sentence parts to make four true	
aquarium.	parts to make four true	statements. Click the submit button when you	User clicks the Submit button to submit
	statements.	are done.	answers.
Rectangular overlay on picture in a			
palette color and extends from the	[Choice A] When CO ₂		The Choices and Matches should be
top to the bottom border. The	increases in the		shuffled.
overlay is semi-transparent so the	aquarium [Match] pH		There should be 2 attempts. The choices
background picture is just barely	decreases.		remain where they were after the first
visible. Overlay is a gradient so that			attempt if incorrect.
¼ of the background picture is	[Choice B] When CO ₂		
	decreases in the		

unobstructed on the right side of	aquarium [Match] pH	After the first incorrect attempt, the Try
the slide.	increases.	Again button on the feedback layer (1.6c)
		hides the layer and returns to this slide.
Knowledge Check	[Choice C] When the	
A A A A A A A A A A A A A A A A A A A	lights are on, [Match]	After the second incorrect attempt, the
	plants photosynthesize	Review button on the feedback layer (1.6b)
	and consume CO ₂ .	will jump to slide 1.7.
	[Choice D] When the	If correct on the first or second attempt, the
	lights are off, [Match]	Continue button on the feedback layer (1.6a)
	CO ₂ can build up if the	jumps to slide 1.8.
	Carbofuse system is still	
	on.	

Slide [1.6a]/ Menu Title:			Objective: [1]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Feedback Layer in a dialog	[Layer Title]	No VO	Continue button will jump to the next slide
format (background	Nice Work!		(Slide 1.8).
darkened). A white			
rectangle appears in the	[Body]		
middle of the slide.	It looks like you understand how		
	pH and CO ₂ interact.		
A green checkmark			
indicates a correct answer.	[Button}		
The title is under the	Continue		
checkmark.			
Body text and button are under the title.			

Slide [1.6b]/ Menu Title:		Objective: [1]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	Review button jumps to slide 1.7.
1.6a. This layer has a red	Not quite.		
"X" icon instead of a			
checkmark.	[Body]		
	It looks like you need to review		
	this information.		

[Button]	
Review	

Slide [1.6c]/ Menu Title:		Objective: [1]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as 1.6a & 1.6b.	[Layer Title] Try Again	No VO	Try Again button hides this layer and returns to slide 1.6.
	[Body] Give it another try!		
	Remember: When CO2 goes up, pH goes down and vice versa. Plants photosynthesize and consume CO2 when lights are on.		
	[Button] Try Again		

Slide [1.7]/ Menu Title: Revi	Slide [1.7]/ Menu Title: Review [Hidden from Menu]		
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Background is a solid	[Slide Title]	Select the cards you would like to review.	Text and shapes appear timed with VO
palette color.	Review	Click next when you are finished.	reference.
Four rectangular shapes in a solid palette color make up the majority of the slide. Each shape shows the starting (front) text.	[Instructions] Select the cards you would like to review. Click Next when you are finished.		Four rectangles (cards) float in from the bottom on the slide. When the user clicks on each shape, it will show the "back" of the rectangle like it is a card being turned over. Next button is not hidden or disabled so the
	[Cards] [Card 1] Front: When CO ₂ increases Back: pH decreases.		learner can decide how much or how little to review.
	[Card 2]		Next button jumps to next slide (Slide 1.8)
	Front: When CO ₂ decreases Back: pH increases. [Card 3]		

Front: When the lights are on Back: plants photosynthesize and consume CO ₂ .	
[Card 4] Front: When the lights are off Back: CO ₂ can build up if the Carbofuse System is left on.	

Slide [1.8]/ Menu Title: Prod	uct Components		Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The entire background is a	[Slide Title]	The Carbofuse CO2 Injection System consists	The background appears at the beginning of
video of fish swimming in a	Carbofuse System Components	of seven components. Click on the name of	the timeline with the title.
planted aquarium. The		each component to learn about its function.	
entire video is partially	[Text in White Rectangle]	You may click on the speaker icon near each	The white rectangle appears after the title.
obscured with a	[Subheading] Carbofuse	component name to hear about them, if you	
semi-transparent rectangle	Components	wish. Click on the speaker icon again to pause	The seven tabs move out from behind the
that allows the video to be		the audio.	white rectangle timed with their reference in
just visible.	[Body]		the VO.
	Click on the tabs to the left to		
About ¾ of the slide has a	learn about each component. You		Each tab has a hover state and a visited
large white rectangle	may click on the speaker icon to		state. Tabs show layers as indicated in the
positioned on the right side	hear about each component.		"Slide Text" column.
with a diagram of the			
Carbofuse System, the	[Tabs]		Tabs can be clicked on in any order.
diagram title and	CO ₂ Cylinder [1.8a]		
description.	Regulator [1.8b]		The Next button is disabled until all seven
	Timer [1.8c]		tabs have been visited.
Reference image:	Bubble Counter [1.8d]		
	Tubing [1.8e]		The Next button jumps to slide 1.9.
	Check Valve [1.8f]		
	CO ₂ Diffuser [1.8g]		
Seven tabs emerge from			
the left side of the			
rectangle. There is space			
between the tabs so the			

background is still partially				
visible.				
Notes: Audio is optional for the learner on all layers in order to accommodate learner preference. With so much information being presented, this allows the				
learner to slow down or speed up their learning.				

Slide [1.8a]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The white box on the base layer is replaced with descriptive text about the	[Component Name Subheading] CO ₂ Cylinder Tank	The CO2 Cylinder Tank is the only necessary component that is not included with the Carbofuse CO2 System. CO2 Cylinder tanks	Base Layer is visible on this layer so all tabs can be clicked on.
CO ₂ cylinder tank, along with a photo of the component.	[Body] The CO2 Cylinder Tank is the only necessary component that is not included with the Carbofuse CO2 System. CO2 Cylinder tanks can be obtained at brewery shops, restaurant shops and some aquarium stores.	can be obtained at brewery shops, restaurant shops and some aquarium stores.	Voiceover can be started and paused using the speaker icon.
The text is positioned on the left side of the box. The photo is positioned to the right of the text.			
A speaker icon appears next to the component name.			

Slide [1.8b]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Layout is the same as layer	[Component Name Subheading]	The regulator is used to control the amount	Base Layer is visible on this layer so all tabs
1.8a. On this layer, the	Regulator & Solenoid	of CO2 flowing through the system. The	can be clicked on.
component is the Regulator		Carbofuse CO2 Injection System comes with a	
& Solenoid.	[Body]	solenoid that can be plugged into a timer to	Voiceover can be started and paused using
	The regulator is used to control	start and stop the flow of carbon dioxide.	the speaker icon.
	the amount of CO2 flowing		

	through the system. The Carbofuse CO2 Injection System comes with a solenoid that can be plugged into a timer to start and stop the flow of carbon dioxide.			
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Slide [1.8c]/ Menu Title:	Objective: [2]		
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Layout is the same as layers 1.8a-1.8b. On this layer, the component is the Timer.	[Component Name Subheading] Timer	The Carbofuse CO2 Injection System includes a timer that can be used to turn the system on and off with the lights as needed.	Base Layer is visible on this layer so all tabs can be clicked on.
	[Body] The Carbofuse CO2 Injection System includes a timer that can be used to turn the system on and off with the lights as needed.		Voiceover can be started and paused using the speaker icon.

Slide [1.8d]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Layout is the same as layers 1.8a-1.8c. On this layer, the component is the Bubble	[Component Name Subheading] Bubble Counter	The bubble counter is used to monitor how quickly CO2 is flowing through the system. The bubble counter connects to the regulator.	Base Layer is visible on this layer so all tabs can be clicked on.
Counter.	[Body] The bubble counter is used to monitor how quickly CO2 is flowing through the system. The bubble counter connects to the regulator. The bubble counter can be filled with water, however mineral oil is a better choice since it will not evaporate as quickly.	The bubble counter can be filled with water, however mineral oil is a better choice since it will not evaporate as quickly.	Voiceover can be started and paused using the speaker icon.

Slide [1.8e]/ Menu Title: Objective: [2]			
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:

Layout is the same as layers	[Component Name Subheading]	The Carbofuse CO2 Injection System includes	Base Layer is visible on this layer so all tabs
1.8a-1.8d. On this layer, the	Tubing	20 feet of standard air tubing. This tubing is	can be clicked on.
component is the Tubing.		used to connect the bubble counter to the	
	[Body]	check valve and the diffuser.	Voiceover can be started and paused using
	The Carbofuse CO2 Injection		the speaker icon.
	System includes 20 feet of		
	standard air tubing. This tubing is		
	used to connect the bubble		
	counter to the check valve and		
	the diffuser.		

Slide [1.8f]/ Menu Title:	Objective: [2]		
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Layout is the same as layers 1.8a-1.8e. On this layer, the component is the Check	[Component Name Subheading] Check Valve	The check valve is used to ensure that water does not flow back through the air tubing and to the regulator. This can cause damage to	Base Layer is visible on this layer so all tabs can be clicked on.
Valve.	[Body] The check valve is used to ensure that water does not flow back through the air tubing and to the regulator. This can cause damage to the system, so use of the check valve is essential.	the system, so use of the check valve is essential.	Voiceover can be started and paused using the speaker icon.

Slide [1.8g]/ Menu Title:	Objective: [2]		
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Layout is the same as layers 1.8a-1.8f. On this layer, the component is the CO ₂ Diffuser.	[Component Name Subheading] CO ₂ Diffuser [Body] The CO ₂ diffuser contains a ceramic disc that turns the carbon dioxide gas into tiny bubbles in the aquarium. These tiny bubbles diffuse CO2 into the water and make it available to the plants.	The CO_2 diffuser contains a ceramic disc that turns the carbon dioxide gas into tiny bubbles in the aquarium. These tiny bubbles diffuse CO_2 into the water and make it available to the plants.	Base Layer is visible on this layer so all tabs can be clicked on. Voiceover can be started and paused using the speaker icon.

Slide [1.9]/ Menu Title: Knov	vledge Check	Objective: [2]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Almost ¾ of the slide is taken up by an image of the Carbofuse system that includes the diffuser in the aquarium on the right.	[Slide Title] Knowledge Check [Instructions] Four of the Carbofuse CO ₂ Injection System components are shown here. You will click on three of the four components being described. Click begin when you are ready.	Before we continue, let's make sure you understand the functions of some of the Carbofuse CO2 Injection System components. Four of the components are shown here. You will click on three of the four components being described. Click begin when you are ready.	Instructions and call out bubbles with their lines fade in when the VO says "Four of the components are shown here." Lines wipe in when they animate so they appear to extend from the callout bubbles to the corresponding components. Begin button appears timed with VO. Instructions and Begin button are hidden after the Begin button is clicked.
On the left, there is a rectangle that extends from the top to bottom border. The rectangle is a palette color and semi-transparent so that a background image of a planted aquarium is barely visible. Instructions appear in the rectangle.	[Button] Begin [Callouts] Diffuser Bubble Counter Regulator CO ₂ Cylinder		The Begin button jumps to layer 1.9a.
Four white callouts appear on the picture with lines that connect each callout with the corresponding component. The Begin button is below			

Slide [1.9a]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The Base Layer is visible	[Body]	Click on the name of the component that is	The incorrect answers (Diffuser, Bubble
with the exception of the	Click on the name of the	the only one not included with the Carbofuse	Counter and Regulator) will turn red if
Begin button and the	component that is the only one	CO2 Injection System.	clicked on.
instructions.			

Callouts are duplicated on	not included with the Carbofuse CO2 Injection System.	Correct answer (CO₂ Cylinder) will turn green when clicked on.
this layer so they can be clicked on and are different from other layers.		Incorrect answers will jump to layer 1.9g.
		Correct answer will jump to layer 1.9d.

Slide [1.9b]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The visual layout of this layer is identical to layer 1.9a.	[Body] Click on the name of the component that produces tiny bubbles of CO2 that are diffused into the aquarium environment.	Click on the name of the component that produces tiny bubbles of CO2 that are diffused into the aquarium environment.	The incorrect answers (CO ₂ Cylinder, Bubble Counter and Regulator) will turn red if clicked on. Correct answer (Diffuser) will turn green
			when clicked on. Incorrect answers will jump to layer 1.9g.
			Correct answer will jump to layer 1.9e.

Slide [1.9c]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The visual layout of this layer is identical to layer 1.9a.	[Body] Click on the name of the component that controls the amount of CO2 that is released into the system	Click on the name of the component that controls the amount of CO2 that is released into the system.	 The incorrect answers (CO₂ Cylinder, Bubble Counter and DIffuser) will turn red if clicked on. Correct answer (Regulator) will turn green when clicked on. Incorrect answers will jump to layer 1.9g. Correct answer will jump to layer 1.9f.

Slide [1.9d]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	Continue button will jump to layer 1.9b.
1.6a - 1.6c.	Correct!		

[M	Body] Nice Work	
	Button} Continue	

Slide [1.9e]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	Continue button will jump to layer 1.9c.
1.9d.	Correct!		
	[Body] Nice Work		
	[Button}		
	Continue		

Slide [1.9f]/ Menu Title:			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as 1.9d & 1.9e.	[Layer Title] Correct!	No VO	Continue button will jump to slide 2.1. This is in scene 2.
	[Body] Nice Work		
	[Button} Continue		

Slide [1.9g]/ Menu Title: [Insert Title]			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	Continue button will hide this layer.
1.9d - 1.9f.	Not Quite.		
There is a red "V" ison	[Dodu]		
There is a red "X" icon	[Body]		
instead of a green check on	Try Again!		
this layer.			

[Button}	
Continue	

Slide [2.1]/ Expandable Scen	e Title on Menu: Installation Me	nu Title: Introduction	Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
About 1.3 of the slide has a	[Slide Title]	Installation of the Carbofuse CO ₂ Injection	Text and Continue buttons appear timed
rectangle in a palette color	Installation	System is relatively straightforward. Click	with their reference in the VO.
on the left side of the slide.		continue to learn how to install the system.	
The shape extends from	[Feature Text]		When the user clicks the Continue button,
the top to the bottom	Installation of the Carbofuse CO ₂		slide 2.2 flies in from the right using a
border.	Injection System is relatively		motion path to begin the carousel. The
	straightforward. Click continue to		images and text from this slide fly off to the
Feature text appears in the	learn to install the system.		left using a motion path. The images on this
rectangular shape just			slide and the images on the next slides in
below the slide title.	[Button]		this carousel should appear to slide between
	Continue		the top and bottom borders, so the top and
Under the Feature Text is			bottom borders should appear to be static.
the Continue button.	[Diagram Title]		
	Carbofuse CO ₂ Injection System		For this carousel interaction, the VO should
The Continue button is in a	Installation Diagram		pause if the user clicks the chevrons to move
palette color and is partially			to the next slide so that the VO does not
off the slide so that it			overlap.
appears to come in from			
the left side.			Learner should be able to freely move
			forward and backwards through the carousel
The right ² / ₃ of the screen is			interaction.
a white rectangle that			
extends from the top to the			
bottom border and has a			
complete diagram of the			
Carbofuse CO ₂ System. The			
diagram is set below the			
Diagram Title Text. This			
diagram is the complete			
version of what will appear			
on the final installation			
slide (Slide 2.6). This is also			
the same diagram used in			
slide 1.8.			

Notes: This slide is the introduction to a carousel interaction that begins when the learner clicks the Continue button. The carousel interaction includes slides				
2.2-2.7				

Slide [2.2]/ Menu Title: Step	Slide [2.2]/ Menu Title: Step 1			
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:	
Centered at the top of the	[Slide Title]	Connect the regulator to the CO ₂ cylinder by	VO begins when this slide is finished	
slide, just below the top	Installation	screwing it on to the threaded cylinder	animating onto the screen.	
border, there is a rectangle		coupling.		
in a palette color with the	[Text in Rectangle]		The Next and Previous buttons are hidden	
text "Step 1".	Step 1		on this slide so that the learner must click on	
			the chevron to navigate through the slides in	
The feature text is below	[Feature Text]		this scene.	
the rectangle.	Connect the regulator to the CO ₂			
	cylinder by screwing it on to the		When the user clicks on the chevron, the	
The first installation step is	threaded cylinder coupling.		carousel moves to slide 2.3.	
illustrated below the				
rectangle. Only the CO ₂				
Cylinder and the regulator				
are shown on this slide to				
illustrate the first step.				
Centered vertically on the				
right of the slide is a double				
chevron icon pointing to				
the right.				

Slide [2.3]/ Menu Title: Step	2	Objective: [3]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The layout of this slide is	[Slide Title]	Connect the bubble counter to the regulator.	VO begins when this slide is finished
identical to Slide 2.2.	Installation		animating onto the screen.
However, there is a double			
chevron on the left side of	[Text in Rectangle]		The Next and Previous buttons are hidden
this slide as well as on the	Step 2		on this slide so that the learner must click on
right. Both chevrons are			the chevrons to navigate through the slides
centered vertically on the	[Feature Text]		in this scene.
sides of the slide.	Connect the bubble counter to		
	the regulator.		When the user clicks on the left chevron, the
The second installation step			carousel moves to slide 2.2.
is illustrated below the			
rectangle. The CO ₂ Cylinder,			When the user clicks on the right chevron,
regulator and bubble			the carousel moves to slide 2.4.
counter are shown on this			
slide to illustrate the			
second step.			

Slide [2.4]/ Menu Title: Step	3		Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The layout of this slide is identical to Slides 2.3.	[Slide Title] Installation	Connect the tubing to the bubble counter.	VO begins when this slide is finished animating onto the screen.
The third installation step is illustrated below the rectangle. The CO ₂ Cylinder, regulator, bubble counter and tubing are shown on this slide to illustrate the third step.	[Text in Rectangle] Step 3 [Feature Text] Connect the tubing to the bubble counter.		The Next and Previous buttons are hidden on this slide so that the learner must click on the chevrons to navigate through the slides in this scene. When the user clicks on the left chevron, the carousel moves to slide 2.3.

J		When the user clicks on the right chevron, the carousel moves to slide 2.5.
9		
Chevrons appear as they did in slide 2.3.		

Slide [2.5]/ Menu Title: Step 4			Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The layout of this slide is	[Slide Title]	Connect the check valve to the tubing. It	VO begins when this slide is finished
identical to Slides 2.3 & 2.4.	Installation	should be near the top rim of the tank.	animating onto the screen.
The fourth installation step	[Text in Rectangle]		The Next and Previous buttons are hidden
is illustrated below the	Step 4		on this slide so that the learner must click on
rectangle. The CO ₂ Cylinder,			the chevrons to navigate through the slides
regulator, bubble counter,	[Feature Text]		in this scene.
tubing and check valve are	Connect the check valve to the		
shown on this slide to	tubing. It should be near the top		When the user clicks on the left chevron, the
illustrate the fourth step.	rim of the tank.		carousel moves to slide 2.4.
			When the user clicks on the right chevron, the carousel moves to slide 2.6.
Chevrons appear as they			
did in Slides 2.3 & 2.4.			

Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The layout of this slide is	[Slide Title]	Connect the tubing to the diffuser. The	VO begins when this slide is finished
identical to Slides 2.3, 2.4 &	Installation	diffuser can be affixed to the inside of the	animating onto the screen.
2.5.		aquarium glass.	
	[Text in Rectangle]		The Next and Previous buttons are hidden
The fifth installation step is	Step 5		on this slide so that the learner must click on
illustrated below the			the chevrons to navigate through the slides
rectangle. The CO ₂ Cylinder,	[Feature Text]		in this scene.
regulator, bubble counter,	Connect the tubing to the		
tubing, check valve and	diffuser. The diffuser can be		When the user clicks on the left chevron, the
diffuser in the aquarium	affixed to the inside of the		carousel moves to slide 2.5.
are shown on this slide to	aquarium glass.		
illustrate the fifth step.			When the user clicks on the right chevron,
			the carousel moves to slide 2.7.
Chevrons appear as they			
did in Slides 2.3, 2.4 & 2.5.			

Slide [2.7]/ Menu Title: [Hidden from Menu]			Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide has the same	[Slide Title]	That completes the installation steps of the	This slide animates onto the screen like the
rectangle as the ones in	Installation	Carbofuse CO2 Injection System Components.	other carousel slides (2.2-2.6). However, this
slides 2.3-2.5 that		Click start over to begin again, or click next in	slide does not have chevrons.
contained the text	[Feature Text]	the lower right portion of your screen to	
indicating the steps. This	That completes the installation	continue.	The Next button is enabled on this slide.
time, it says "Complete!".	steps of the Carbofuse CO2		
	Injection System Components.		The Previous button is hidden so the learner
There is no image on this	Click "Start Over" to begin again,		can click the Start Over button or the Next
slide.	or click next in the lower right		button.
	portion of your screen to		
Feature text is set just	continue.		The Start Over button jumps to slide 2.2.
below the "Complete!"			
rectangle. Text is centered			The Next button jumps to slide 1.10.
on the screen and justified			
left.			

The "Start Over" button		
appears below the feature		
text.		

Slide [1.10]/ Menu Title: Inst	allation Tips [Hidden from Menu]		Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Background is a photo of a	[Slide Title]	Here are some tips to make sure installation	Instructions appear after the title and VO
planted aquarium. This	Installation Tips	of the Carbofuse CO2 System is successful.	reads instructions.
photo should be different		Click on each tip to learn more.	
from the Knowledge Check	[Instructions]		Each tip animates onto the screen after the
photo so that it is	Here are some tips to make sure	Tip Number 1: Fill the bubble counter with	instructions. Each tip flies in from the left,
differentiated as not being	installation of the Carbofuse CO ₂	mineral oil instead of water. It will last longer.	one after the other.
a KC or quiz question.	System is successful. Click on		
	each tip to learn more.	Tip Number 2: Determine the length of tubing	Tips have hover states. When clicked on, a
There is a rectangular		you need and cut it to size first.	shape containing the "slide out" text flies in
overlay on the picture in a	[Tab Labels]		from under the corresponding tab. When
palette color and extends	Tip #1	Tip Number 3: Place the check valve near the	the shape slides out, it will be almost the
from the top to the bottom	Tip #2	top of the tank on the tubing.	width of the slide.
border. The overlay is	Tip #3		
semi-transparent so the	Tip #4	Tip Number 4: Check the system for leaks	The tip tabs do not have a visited state so
background picture is just		over the next several days.	that when the slide out text has completed
barely visible. Overlay is a	[Tab Slide Out Text]		animation, it looks like it is an extension of
gradient so that ¼ of the	[1] Fill the bubble counter with		the tip tab.
background picture is	mineral oil instead of water. It will		
unobstructed on the right	last longer.		Animation should be timed so that the VO
side of the slide.	[2] Determine the length of		for each tip is stated after it is clicked on.
	tubing you need and cut it to size		
Under the instructions,	first.		Tips can be clicked on in any order. Tips can
there are 4 tips, one above	[3] Place the check valve near the		only be clicked on one at a time so the VO
the other. The tips are in a	top of the tank on the tubing.		does not overlap.
shape that is a palette color	[4] Check the system for leaks		
and the left side of the	over the next several days.		The next button is disabled until all tips have
shape is off the slide. The			been visited.
tip obscures the slide out			
shape with the text. The			The next button will jump to the next slide
slide out shapes should be			(Slide 1.11)
the same shape as the tip			
shapes so that the slide out			
part appears to be an			
extension of the tip shapes.			

Slide [1.11]/ Menu Title: Ins	Slide [1.11]/ Menu Title: Installation Simulation		
Visual / Display:	Slide Text:	Narration / Voiceover:	Objective: [3] Animation / Interaction:
This is a drag and drop	[Slide Title]	Let's simulate installation of the Carbofuse	Instructions appear when the VO says "Drag
interaction.	Installation Simulation	CO2 Injection System. Drag the five	the five components".
		components on the shelves to the correct	
A little more than half of	[Instructions]	position from the CO2 Cylinder to the	Five components appear in sequence on the
the right side of the slide is	Drag the five Carbofuse CO ₂	aquarium. You may click the diagram button if	shelves after the instructions.
taken up with a picture of	components to their correct	you need a hint. Click the submit button	
an aquarium and a CO_2	position.	when you are done.	The user drags and drops the items in the
Cylinder Tank. There is			correct sequence and clicks submit when
space between the	[Button]		done.
aquarium and the Cylinder	Diagram		
Tank to allow for			The learner gets two attempts.
components to be dropped			
in the correct sequence			The Diagram button jumps to lightbox slide
between them.			3.1.
Above the cylinder tank			Submit button jumps to Layer 1.11a, b, or c
and the aquarium, near the			depending on correct/incorrect submission.
top of the slide is a button			
that says "Diagram".			
The left side of the slide			
has a rectangle that			
extends from the top to the			
bottom border in a solid			
palette color. Instructions			
are at the top of the			
rectangle.			
Two shelves are on the			
rectangle under the			
instructions and are used			
as starting points for the			
drag and drop items.			
Drag and drop items are:			
regulator, tubing, bubble			

counter, check valve and		
diffuser.		
Notes: Lightbox slide 3.1 is lo	cated at the end of this document.	

Slide [1.11a]/ Menu Title:			Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	Continue button jumps to slide 1.13.
1.6a - 1.6c. and 1.9d-1.9g.	Nice Work!		
	[Body] It looks like you know your stuff.		
	[Button}		
	Continue		

Slide [1.11b]/ Menu Title:			Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
VIsual layout is the same as	[Layer Title]	No VO	Review button jumps to slide 1.12.
slide 1.11a.	Not Quite.		
	[Body] Click the review button below to review the installation steps.		
	[Button]		
	Review		

Slide [1.11c]/ Menu Title:			Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	Try Again button hides this layer.
slide 1.11a & 1.11b.	Try Again		
	[Body] Give it another try! Click the Diagram button if you need a hint.		
	[Button]		

Try Again	

Slide [1.12]/ Menu Title: Installation Simulation Review [Hidden from Menu]			Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The visual layout of this	[Slide Title]	Please take a moment to review the	Next button is hidden on this slide.
slide is identical to slide	Installation Simulation	installation steps.	
1.11, but the instructions			Continue button jumps to slide 1.13.
and shelves are gone.	[Body]		
Instead, the solid rectangle	1. Connect the regulator to the		
has all 5 installation steps	CO ₂ Cylinder.		
listed.	2. Connect the bubble counter to		
	the regulator.		
The drag and drop area is	3. Connect the tubing to the		
shown with the	bubble counter.		
components in the correct	4. Connect the check valve to the		
spots. Each component is	tubing.		
labeled with a number that	5. Connect the tubing to the		
corresponds to each	diffuser.		
installation step.			
	[Button]		
Under the steps there is a	Continue		
continue button in a			
palette color.			

Slide [1.13]/ Menu Title: Programming and Setup [Hidden from Menu]			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Background is a photo of a	[Slide Title]	Now that you know how to install the	Text appears on slide timed with VO
planted aquarium. This	Programming and Setup	Carbofuse CO2 Injection System, it is time to	prompts.
photo should be different		learn to operate it.	
from the Knowledge Check	[Body]	Operation of the Carbofuse CO2 Injection	Next button is hidden on this slide.
photo so that it is	Now that you know how to install	System is relatively easy.	
differentiated as not being	the Carbofuse CO2 Injection		Auto advance to slide 1.14 at the end of this
a KC. Can be the same	System, it's time to learn to	Let's learn how to operate the system.	slide's timeline.
photo used on slide 1.10.	operate it.		
Rectangular overlay on	Operation of the Carbofuse CO2		
picture in a palette color	Injection System is relatively easy.		
and extends from the top			

to the bottom border. The	Let's learn how to operate the	
overlay is semi-transparent	system	
so the background picture		
is just barely visible.		
Overlay is a gradient so that		
¼ of the background		
picture is unobstructed on		
the right side of the slide.		

Slide [1.14]/ Menu Title: Operation Objective: [4]				
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:	
² ∕₃ of this slide has a	[Slide Title]	There are five steps to operating the	Instructions appear timed with the VO.	
semi-transparent palette	System Operation	Carbofuse CO ₂ Injection System.		
color rectangle that			The Next button is disabled until all layers	
extends from the top to the	[Instructions]	Move the slider to each step to learn more.	are visited.	
bottom border. Behind the	There are five steps to operating			
shape is a photo of a	the Carbofuse CO ₂ Injection		Each label on the slider appears sequentially	
planted aquarium and is	System.		during the VO.	
barely visible.				
	Move the slider to each step		Instructions disappear after the VO is	
The right side of the slide	below to learn how to operate		complete, leaving the area above the slider	
contains a photo of the	the Carbofuse CO ₂ Injection		free for each operation step to appear when	
Carbofuse System and	System.		the layers are visited.	
aquarium. This can be the				
same photo used in slide	[Slider Stop Labels]		Learner slides the slider to step 1. The slider	
1.9.	Step 1		should be developed so that the learner can	
Near the bottom of the	Step 2		only visit each step one at a time. Slider does	
slide on the left under the	Step 3		not need to have the ability to move	
instructions is a slider with	Step 4		backwards since all steps will be revealed	
	Step 5		when the interaction is complete.	
5 labeled stops.			Base layer and all layers should be visible at	
There is a "fake" slider			all times.	
track on this slide that			un unico.	
replaces the transparent			Slider jumps to 1.14a when moved to Step 1.	
slider tracks.				

Slider that extends from	The Next button jumps to the next slide
the beginning of the track	(Slide 1.15)
to Step 1 is on a	
transparent track so the	
"fake" track is still visible.	

Slide [1.14a]/ Menu Title:			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This layer only contains the text and a slider on a transparent track that extends from Step 1 to Step 2.	[Feature Text] 1. Plug the timer into an outlet and plug the regulator into the timer.	Plug the timer into an outlet and plug the regulator into the timer.	Text appears with VO. VO starts at the beginning of this layer. Slider is initially set to Step 1. Slider jumps to layer 1.14b when moved to Step 2.
Base layer is still visible.			

Slide [1.14b]/ Menu Title:			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This layer only contains the text and a slider on a transparent track that extends from Step 2 to Step 3. Text is set just below Step 1.	[Feature Text] 2. Turn on the flow of CO ₂ .	Turn on the flow of CO ₂ .	Text appears with VO. VO starts at the beginning of this layer. Slider is initially set to Step 2. Slider jumps to layer 1.14c when moved to Step 3.
Base layer and layer 1.14a are visible.			

e Text:	Newsting (Maine even	
Стехн	Narration / Voiceover:	Animation / Interaction:
djust for about one bubble	Adjust for about one bubble produced in the bubble counter per second.	Text appears with VO. VO starts at the beginning of this layer.
second.		Slider is initially set to Step 3. Slider jumps to layer 1.14d when moved to Step 4.
۸C d	ljust for about one bubble uced in the bubble counter	ljust for about one bubble bubble counter per second. uced in the bubble counter

Base layer, layer 1.14a and		
1.14b are visible.		

Slide [1.14d]/ Menu Title:			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This layer only contains the text and a slider on a transparent track that extends from Step 4 to Step 5. Text is set just below Step 3.	[Feature Text] 4. Adjust the timer so that the system and lights turn on and off at the same time.	Adjust the timer so that the system and lights turn on and off at the same time.	Text appears with VO. VO starts at the beginning of this layer. Slider is initially set to Step 4. Slider jumps to layer 1.14e when moved to Step 5.
Base layer, layer 1.14a, 1.14b and 1.14c are visible.			

Slide [1.14e]/ Menu Title:			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This layer only contains the text and a slider on a transparent track that is set to Step 5. The slider has 0 stops because it will not need to be moved.	[Feature Text] 5. Wait for at least 24 hours to check the CO ₂ levels.	Wait for at least 24 hours to check the CO ₂ levels.	Text appears with VO. VO starts at the beginning of this layer. Slider is initially set to Step 5. Next button is set to normal at the end of this layer's timeline and jumps to the next
Base layer, layer 1.14a, 1.14b, 1.14c and 1.14d are visible.			slide (Slide 1.15)

Slide [1.15]/ Menu Title: Operation Simulation			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
A little more than the right half of this	[Slide Title]	Let's simulate the operation of the Carbofuse	Next and Previous buttons are hidden.
slide consists of a photo of the Carbofuse	Operation	CO2 Injection System.	
System with the Cylinder, regulator and	Simulation		The Submit button is disabled until audio
bubble counter included.		To begin, rotate the CO2 Cylinder knob	ends on layer 1.15a.
	[Instructions]	clockwise until CO2 begins to flow.	
On the left is a solid rectangle in a palette	Let's simulate the		Text is timed to appear with the VO prompts.
color that extends from the top to the	operation of the		
bottom border.			

	Carbofuca CO	When the VO mentions the CO entired of
Terrende the better of the mester of the	Carbofuse CO ₂	When the VO mentions the CO_2 cylinder
Towards the bottom of the rectangle is a	Injection System.	knob, an arrow appears to indicate where
"timer" in a rectangular shape that has a		the knob is. It disappears at the end of the
System On time and System Off time. The	Rotate the CO ₂	VO.
timer is adjustable with buttons to	cylinder knob	
increase or decrease the hours. There are	clockwise until CO ₂	When VO on this slide is complete, the
also buttons to set the times to AM or	begins to flow.	learner is able to turn the knob of the CO ₂
PM. The timer has the label "Carbofuse		cylinder. There should be at least 2 rotations
CO ₂ Injection System Timer".	[Timer Title Text]	of the knob until the slide jumps to layer
	Carbofuse CO ₂	1.15a.
Above the photo of the CO ₂ Cylinder,	Injection System	
there is a knob that mimics the knob on	Timer	Timer is set initially to 5:00 for both times.
the cylinder. There is a knob	[Timer Buttons]	AM and PM buttons are in their normal
superimposed on the regulator that is the	AM	non-visited states.
same as the knob that is used as a dial on	PM	
layer 1.15a.		AM and PM buttons will change state to
	[Timer Text under	show the learner that they have been
An arrow appears and then disappears to	Times]	selected when the timer is set. When one
indicate the location of the CO ₂ Cylinder	System ON	button is selected, the other is automatically
knob.	System OFF	deselected.
Possible layout of dials as knobs.		The timer only needs to have the hours
		adjustable, not the minutes.
		Learner must adjust the timer so that it
		matches the times the lights turn on and off.
		These times are revealed in layer 1.15a.
		Therefore, the learner should not be able to
		interact with the timer until layer 1.15a.
		interact with the timer until layer 1.15a.
Timer Example:		
Carbofuse CO ₂ Injection System Timer		
님 5:00 ~ 년 5:00 ~		

Slide [1.15a]/ Menu Title:			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This layer adds a dial that	CO ₂ is now flowing.	Carbon Dioxide is now flowing.	The Submit button is set to normal at the
can be turned by the			end of the VO on this layer.

learner on the regulator.	Now, adjust the regulator so	Now, adjust the regulator so there is one	
The dial looks the same as	there is one bubble per second in	bubble per second in the bubble counter.	The small arrow and CO_2 icon appear at the
the regulator knob on the	the bubble counter.		beginning of this layer to indicate that CO_2 is
base layer, so it appears to		Then, adjust the timer below. The lights for	flowing. The arrow is set on a repeating
the learner that it is the	Then, adjust the timer below. The	this aquarium are set to turn on at 8:00 AM	motion path so that it appears to move
same knob.	lights for this aquarium are set to	and off at 9:00 PM.	repeatedly from the CO_2 Cylinder to the
	turn on at 8:00 AM and off at		regulator.
A small arrow and a CO ₂	9:00 PM.	Click the Submit button when you are done.	
icon appear near the CO_2			Text is timed with the VO reference.
cylinder to show that	Click the Submit button when		
carbon dioxide is flowing.	you are done.		Large arrows are timed with VO reference
			and point to each element mentioned
Three large arrows appear			(regulator knob, bubble counter and timer).
to indicate the regulator			Arrows disappear after they are referred to
dial, the bubble counter			by the VO.
and the timer to the			
learner.			Regulator dial and timer are released for
			interaction when the VO ends on this layer.
			As the regulator dial is turned, a bubble
			begins to rise in the bubble counter. The
			more the dial is turned, the faster the
			bubbles get. The bubbles in the bubble
			counter should be too slow when turned a
			little and too fast when turned a lot. There is
			a "sweet spot" where the position of the dial
			results in approximately one bubble per
			second in the bubble counter. This "sweet
			spot" should be somewhere in the middle of
			the dial (not when it is turned completely or
			not turned at all)
			The dial has 6 speeds and the "sweet spot"
			could be set at the 4th speed (dial position).
			The Submit button will jump to layers
			1.15h-1.15k depending upon learner input.
			Learner gets three attempts. If, on the third
			attempt, the input is not correct, the Submit
			button will jump to layer 1.15l.

Slide [1.15b-1.15g]/ Menu Ti	tle: [Insert Title]		Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
These six layers are all identical. The only difference is that each layer has the bubble in the bubble counter getting progressively faster.	No text.	No VO.	As the regulator dial is turned, each layer is revealed and then hidden. Each layer has the bubble in the bubble counter rising at a different speed: Layer b - slowest Layer c - slightly faster than Layer b Layer d - slightly faster than Layer c Layer e - faster than Layer d and timed so it is the correct setting (one bubble per second in the bubble counter) Layer f - somewhat faster than Layer e. Layer g - somewhat faster than Layer f. It is important that the correct speed on Layer e is differentiated enough from the other layers so the learner can see a clear difference. Developer can decide if Layer e results in the correct speed of the bubble in the bubble counter. To mimic a real-life situation, it should be Layer d, e or f.
Notes: There are 6 layers here	e. Each layer is identical except for t	he speed that the bubble is animated in the bubb	ble counter.

Slide [1.15h]/ Menu Title:			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO	This feedback will show if the regulator dial
1.6a-1.6c & 1.9d - 1.9g.	Not Quite.		is set below the correct setting.
There is a red "X" icon on	[Body]		Continue button will hide this layer.
this layer.	Turn the regulator clockwise more so that the bubble is		Continue button will jump to layer 1.15a.
	moving faster in the bubble		Layer 1.15a should resume in the state it was
			before the learner clicked the Submit button.

ounter. Count one bubble per econd.
Sutton}

Slide [1.15i]/ Menu Title:		Objective: [4]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as 1.15h.	[Layer Title] Not Quite.	No VO.	This feedback will show if the regulator dial is set above the correct setting.
	[Body] Turn the regulator counter clockwise so that the bubble is		Continue button will hide this layer. Continue button will jump to layer 1.15a.
	moving slower in the bubble counter. Count one bubble per second.		Layer 1.15a should resume in the state it was before the learner clicked the Submit button.
	[Button] Continue		

Slide [1.15j]/ Menu Title:	Slide [1.15j]/ Menu Title:		
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as 1.15h & 1.15i	[Layer Title] Not Quite.	No VO.	This feedback will show if any aspect of the timer is set incorrectly
	[Body] Make sure the timer is set so that the system turns on when the lights turn on and off when the lights turn off.		Continue button will hide this layer. Continue button will jump to layer 1.15a. Layer 1.15a should resume in the state it was before the learner clicked the Submit button.
	[Button] Continue		

Slide [1.15k]/ Menu Title: Objective: [4]			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:

Visual layout is the same as	[Layer Title]	No VO.	Continue button jumps to slide 1.18.
1.15h-1.15j	Nice work!		
This layer has a green checkmark instead of a red "X".	[Body] It looks like you got it! [Button] Continue		

Slide [1.15I]/ Menu Title:	Slide [1.15l]/ Menu Title:		Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Visual layout is the same as	[Layer Title]	No VO.	The learner has a choice of how to proceed.
1.15h-1.15k. This layer has	Not Quite.		
a red "X" icon like layers			The Try Again button hides this layer and
1.15h, 1.15i & 1.15j.	[Body]		jumps to layer 1.15a. The layer should
	How would you like to proceed?		resume the state it was in when the learner
There are three buttons on			left the layer.
this layer.	[Buttons]		
	Try Again		The Show Me How and Try Again button
			hides this layer and jumps to slide 1.16.
	Show Me How and Try Again		
			The Show Me How and Move On button
	Show Me How and Move On		hides this layer and jumps to slide 1.17.

Slide [1.16]/ Menu Title: [Hidden from Menu]			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide contains a	Text on the slide is in the video. It	First, rotate the cylinder knob clockwise until	When the slide begins, the VO and video
screenshot video of slide	is the same as the text on slide	CO2 begins to flow.	start immediately. The actions in the video
1.15 being completed	1.15.	Next, turn the regulator knob slowly until you	are completed timed with the VO to
correctly. The video should		see one bubble in the bubble counter per	illustrate how to complete the simulation
exclude the arrows that	[Button]	second.	correctly.
indicate the components	Try Again	One	
and should not have any		Two	The view will zoom into each area on the
VO from the original slide.		Three	slide when the VO mentions the following
Instead, VO should be		Then, set the timer to turn the system on at 8	components: CO ₂ cylinder knob, regulator
replaced on this slide to		o'clock AM and off at 9 o'clock PM. This is the	knob & bubble counter (viewed together in
guide the learner. The		same times that the lights turn on and off.	zoom window), and the timer. This is to
video starts where the		Now the system is set up properly.	highlight each area for the learner.

learner starts the		
interaction (turning the CO ₂		The numbers in the VO should sync with the
Cylinder Tank knob).		bubbles in the bubble counter to indicate
		one bubble per second.
The video is centered at the		
top of the slide with a black		The Try Again button jumps to layer 1.15a.
background.		The layer should resume the state that it was
_		in when the learner left the layer.
The Try Again button is		
centered below the video.		

Slide [1.17]/ Menu Title: [Hidden From Menu]			Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide is identical in	Text on the slide is in the video. It	First, rotate the cylinder knob clockwise until	When the slide begins, the VO and video
layout to 1.16, with the	is the same as the text on slide	CO2 begins to flow.	start immediately. The actions in the video
exception of the button	1.15.	Next, turn the regulator knob slowly until you	are completed timed with the VO to
that says "Continue"		see one bubble in the bubble counter per	illustrate how to complete the simulation
instead of "Try Again".	[Button]	second.	correctly.
	Continue	One	
		Two	The view will zoom into each area on the
		Three	slide when the VO mentions the following
		Then, set the timer to turn the system on at 8	components: CO ₂ cylinder knob, regulator
		o'clock AM and off at 9 o'clock PM. These are	knob & bubble counter (viewed together in
		the same times that the lights turn on and off.	zoom window), and the timer. This is to
		Now the system is set up properly.	highlight each area for the learner.
			The numbers in the VO should sync with the bubbles in the bubble counter to indicate one bubble per second.
			The Continue button jumps to slide 1.18.

Slide [1.18]/ Menu Title: Checking CO ₂ Levels			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The background is an image	[Slide Title]	There are three methods for checking CO2	Next button is disabled when this timeline
of aquarium plants with	Checking CO ₂ Levels	levels in the aquarium.	begins.
bubbles on their leaves to			
illustrate the "pearling"	[Feature Text]		Next button is set to normal when VO ends.

referenced in the tout and	CO2 Lovels can be sheeled using	A drop chacker can be installed in the	
referenced in the text and	CO2 Levels can be checked using	A drop checker can be installed in the	
voice over.	three methods:	aquarium. It contains a liquid that changes	Text should fade in timed with the reference
		color based on how much CO2 is in the water.	in the VO.
About ² ⁄ ₃ of the slide has a	Drop Checker – Can be installed		
semitransparent rectangle	in the aquarium. It contains a	CO2 test strips can be used for spot testing at	
that extends from the top	liquid that changes color based	a certain point in time. However, they should	
to bottom border. The	on how much CO2 is in the water.	be used every other day until levels have	
rectangle is a gradient so		stabilized.	
that the background	CO2 Test Strips – A CO2 testing		
picture is clear on the right	strip kit can be used for spot	If you choose to use one of these methods,	
side of the slide.	testing.	please make sure to follow the	
		manufacturer's instructions. These items are	
	Visual Checking – "Pearling" is a	not included with the Carbofuse CO2	
	good indication plants are	Injection System.	
	getting enough CO2.		
		A visual check is another method. Because	
		plants respire, they create oxygen. When they	
		are at full respiration, small bubbles form on	
		their leaves. This is called pearling and is a	
		good indication that the plants are receiving	
		enough carbon dioxide.	

Slide [1.19]/ Menu Title: Final Assessment			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide has the same	[Slide Title]	Let's see what you have learned in this	Next button is disabled when this timeline
visual layout as slide 1.6.	Final Graded Quiz	course. You will now be presented with five questions. Each question type is different. You	begins.
All Quiz slides have this	[Instructions]	must score 80% in order to pass. You can take	Next button is set to normal when VO ends.
same visual layout (1.20,	Let's see what you have learned.	the quiz as many times as you need to	
1.21, 1.22, 1.23, 1.24 &		achieve a passing score. Click next when you	Text fades in timed with VO reference.
1.25	This final quiz will contain:	are ready to begin.	
			Results slide is slide 1.25.
	 5 Questions 		
	 Variable Question Types 		
	• 80% Required to Pass		
	Click Next when you are ready to		
	begin.		

Slide [1.20]/ Menu Title: [Hid	dden from Menu]		Objective: [3]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Same visual layout as slides	[Slide Title]	Put the Carbofuse CO2 System installation	This slide is a sequence drag and drop
1.6 & 1.19.	Question #1	steps in order.	question.
Instructions are near the top of the slide to the left.	[Question/Instructions] Put the Carbofuse CO ₂ System installation steps in order. If you	If you need a hint, you may click the diagram button below.	Submit button is disabled when this slide begins.
Answer choices appear below instructions.	need a hint, you may click the diagram button below.		Submit button is set to normal when the VO ends.
The Diagram button is in a	[Answer Choices]		Next and Previous buttons are hidden.
palette color and is set below the answer choices.	 Connect the regulator to the CO2 Cylinder. Connect the bubble counter to the regulator. Connect the tubing to the 		Text and answers fade in with title. VO begins automatically at the beginning of this slide.
	bubble counter. 4. Connect the check valve to the		There is no immediate feedback.
	tubing. 5. Connect the tubing to the		Learners should have 1 attempt.
	diffuser.		Diagram button jumps to lightbox slide 3.1.
	[Button] Diagram		Slide advances to the next slide when the user clicks the Submit button.

Slide [1.21]/ Menu Title: [Hidden from Menu]			Objective: [2]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Same visual layout as slides	[Slide Title]	Which component of the Carbofuse CO2	This is a matching drag and drop question.
1.6, 1.19 & 1.20.	Question #2	System is used to dissolve CO2 into the	
		water?	Submit button is disabled when this slide
Instructions are near the	[Question/Instructions]		begins.
top of the slide to the left.	Match the Carbofuse CO ₂		
	Injection System components to		Submit button is set to normal when the VO
Answer choices appear	their functions.		ends.
below the question.			
	[Answer Choices}		Next and Previous buttons are hidden.

[Choice A] The diffuser [MATCH]	Text and answers fade in with title. VO
releases tiny bubbles of CO ₂ into	begins automatically at the beginning of this
the water.	slide.
[Choice B] The regulator	
[MATCH] controls how much CO ₂	There is no immediate feedback.
is flowing through the system.	
[Choice C] The check valve	Learners should have 1 attempt.
[MATCH] prevents water from	
siphoning back into the system.	States of drop items should change to green
[Choice D] The timer [MATCH]	if correct and red if incorrect. This should be
controls when the system turns	on the Review layer so that they are only
on and off.	visible after submitting the quiz and
	reviewing.
	Slide advances to the next slide when the
	user clicks the Submit button.

Slide [1.22]/ Menu Title: [Hidden from Menu]			Objective: [1]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Same visual layout as slides	[Slide Title]	A customer, Jessica, enters the store and	This is a multiple choice question.
1.6, 1.19, 1.20 & 1.21.	Question #3	seems concerned. She tells you that she	
		recently installed the Carbofuse CO ₂ Injection	Submit button is disabled when this slide
Question is near the top of	[Question]	System. She says that she noticed that the pH	begins.
the slide to the left.	A customer, Jessica, enters the	in her aquarium is extremely low in the	
	store and seems concerned. She	morning. Her fish are OK, but she asks you	Submit button is set to normal when the VO
Answer choices appear	tells you that she recently	why the pH swings may be happening. How	ends.
below the question.	installed the Carbofuse CO ₂	do you respond?	
	Injection System. She says that		Next and Previous buttons are hidden.
	she noticed that the pH in her	Please select the best response from the	
	aquarium is extremely low in the	choices below.	Text and answers fade in with title. VO
	morning. Her fish are OK, but she		begins automatically at the beginning of this
	asks you why the pH swings may		slide.
	be happening. How do you		
	respond?		There is no immediate feedback.
	[Answer Choices]		Learners should have 1 attempt.
	Swings in pH are normal when		
	installing a CO_2 Injection system,		Slide advances to the next slide when the
	so there is no need for concern.		user clicks the Submit button.

CO ₂ injection causes pH to drop. It's important to make sure the system turns off when the lights turn off since the plants are not consuming carbon dioxide. [CORRECT ANSWER]	
When plants consume carbon dioxide, it causes the pH to drop in the aquarium. This can be remedied by adjusting the regulator.	

Slide [1.23]/ Menu Title: [Hi	dden from Menu]		Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Same visual layout as slides	[Slide Title]	A customer, Richard, enters the store and	This is a freeform drag and drop question.
1.6, 1.19, 1.20, 1.21 & 1.22.	Question #4	explains that he installed the Carbofuse CO ₂	
		Injection system in his aquarium a few days	Submit button is disabled when this slide
Question is near the top of	[Question]	ago. He says he has the system set to turn on	begins.
the slide to the left.	A customer, Richard, enters the	and off when the lights turn on and off. It	
	store and explains that he	seems that there is not enough CO ₂ flowing	Submit button is set to normal when the VC
Answer choices appear in	installed the Carbofuse CO ₂	through the system, as his test kit indicates	ends.
rectangles of a solid palette	Injection system in his aquarium	insufficient levels of CO ₂ . How do you	
color on the vertically	a few days ago. He says he has	respond?	Next and Previous buttons are hidden.
aligned on the right side of	the system set to turn on and off		
the slide. Answer choices	when the lights turn on and off. It	Drag the steps on the right to the boxes	Text and answers fade in with title. VO
are not in the correct order.	seems that there is not enough	below in the correct order.	begins automatically at the beginning of thi
	CO ₂ flowing through the system,		slide.
Below the question, there	as his test kit indicates		
are three white rectangles	insufficient levels of CO ₂ . How do		There is no immediate feedback.
that are the same size as	you respond?		
the answer choice			States of drop items should change to gree
rectangles. They are	[Instructions}		if correct and red if incorrect. This should be
aligned horizontally.	Drag the steps on the right to the		on the Review layer so that they are only
	boxes below in the correct order.		visible after submitting the quiz and
Instructions are in a smaller			reviewing.
font just above the three	[Answer Choices]		
white rectangles.	[Rectangle 1] Adjust the		Learners should have 1 attempt.
	regulator		

[Rectangle 2] Make sure there is about one bubble per second	Slide advances to the next slide when the user clicks the Submit button.
rising in the bubble counter.	
[Rectangle 3] Wait for 24 hours and then test again.	

Slide [1.24]/ Menu Title: [Hid	dden from Menu]		Objective: [4]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Same visual layout as slides	[Slide Title]		This is a multiple choice question.
1.6, 1.19, 1.20, 1.21, 1.22 &	Question #5		
1.23.			Submit button is disabled when this slide
	[Question]		begins.
Instructions and question	A customer, Jamie, enters the		
are near the top of the slide	store and tells you that they are		Submit button is set to normal when the VO
to the left. The drop area is	unsure of how to control how		ends.
at the end of the question	much CO ₂ is flowing through the		
like it is a blank to an	system. They say that they are		Next and Previous buttons are hidden.
incomplete statement.	adjusting the CO ₂ cylinder tank		
	knob, but it is not changing the		Text and answers fade in with title. VO
Answer choices appear	rate of the bubbles in the bubble		begins automatically at the beginning of this
below the question drop	counter. How do you respond?		slide.
area.			
	[Answer Choices]		There is no immediate feedback.
Each choice is in a drag and	Continue to check the CO ₂ levels		
drop box.	using a test kit. They should		Learners should have 1 attempt.
	eventually stabilize.		
			Slide advances to the next slide when the
	Make sure the CO_2 cylinder tank		user clicks the Submit button.
	knob is fully open.		
	The regulator knob is used to		
	control how much CO ₂ is flowing		
	through the system, not the CO ₂		
	cylinder knob. [CORRECT		
	ANSWER].		

Slide [1.25]/ Menu Title: [Hidden from Menu]		Objective: [N/A]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:

Same visual layout as slides	[Slide Title]	No VO.	Use a Result side to show Success layer
1.6, 1.19, 1.20, 1.21, 1.22,	Quiz Results		1.25a when timeline starts if results are
1.23 & 1.24			equal to or greater than the passing score.
This slide has a box centered on the screen			Show Failure layer 1.25b when timeline starts if results are less than passing score.
from left to right and slightly below center on the Y axis. This allows for the			Base layer will be visible (show through) from Success or Failure slide layers.
layers to show the results. The box says "Your Score"			Results variable reference shows the percent score only. Do not show the points variable
and "Passing Score xx%" with a space between the			reference.
text for the results score.			Built in graded quiz variable reference displays learner score where XX appears on slide
			80% to pass shown where YY appears on slide

Slide [1.25a]/ Menu Title:			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Above the results box,	[Success Text]	Nice job, you passed!	Review button: shows correct/incorrect
there is a green check mark	Nice job, you passed!		response when reviewing
to show success.		Click review quiz to see your results or click	
	[Instructions]	continue to move on.	Continue button: jumps to Slide 1.26
Just under the checkmark is	Click Review to see your results		
the success text.	or click Continue to move on.		
Below the results box are	[Buttons]		
the instructions.	Review Quiz		
Set below the instructions are the Review Quiz and Continue buttons.	Continue		

Slide [1.25b]/ Menu Title: [Hidden from Menu]		Objective: [N/A]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
Above the results box,	[Failure Text]	Sorry, you didn't pass.	Review Quiz button: shows correct/incorrect
there is a red "X" icon to	Sorry, you didn't pass.		response when reviewing
show failure.		Click review quiz to see your results or click	
	[Instructions]	retry quiz to take it again.	Retake Quiz button: resets results slide and
Just under the "X" icon is	Click Review to see your results		jumps to Slide 1.20.
the failure text.	or click Retry Quiz to take it		
	again.		
Below the results box are			
the instructions.	[Buttons]		
	Review Quiz		
Set below the instructions			
are the Review Quiz and	Retry Quiz		
Retry Quiz buttons.			

Slide [1.26]/ Menu Title: Summary			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
The background of the slide	[Slide Title]	Well done! You are nearing the end of this	Text fades in timed with the VO reference.
is a photo of a planted	Summary	course. You should now be able to:	
aquarium with fish in it.			Next button is disabled when this slide
	[Feature Text]	Describe how carbon dioxide injection affects	begins.
This slide has a	You should not be able to:	the planted aquatic environment.	
semi-transparent palette			Next button is set to normal when VO ends.
color rectangle extending	Describe how carbon dioxide	Identify the functions of the Carbofuse CO2	
from the top to the bottom	injection affects the planted	Injection System components, and	Next button jumps to the next slide (1.27).
border. About ² / ₃ of the	aquatic environment.	List the installation store of the Cosh of you	
slide is covered with this	Identify the functions of the	List the installation steps of the Carbofuse	
rectangle. The rectangle	Identify the functions of the Carbofuse CO2 Injection System	CO_2 Injection System.	
has a gradient so that the background is visible and	components.		
unobstructed on the right		Explain the operation of the Carbofuse CO ₂	
side.	List the installation steps of the	Injection System.	
	Carbofuse CO ₂ Injection System.		
	Explain the operation of the		
	Carbofuse CO ₂ Injection System.		

Slide [1.27]/ Menu Title: Congratulations			Objective: [N/A]
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide is similar in layout	[Heading Text]	Congratulations on completing this course.	Text and button appear timed with VO
to slide 1.1.	Congratulations!	Now you will be able to answer customer questions regarding the components,	reference.
No top/bottom border	[Instructions]	installation and operation of the Carbofuse	Complete button exits the course.
	Click the Complete button to end	CO ₂ Injection System. You may click the	
Background video: Video of	this course.	complete button to exit the course.	
fish swimming in a heavily			
planted aquarium. Should	[Button]		
be different from the video	Complete		
used in Slide 1.1.			
Congratulations! message			
set in semitransparent			
shape overlaying the			
background video.			
Custom Complete button.			

Slide [3.1]/ Menu Title: Hidden from Menu		Objective: [#]	
Visual / Display:	Slide Text:	Narration / Voiceover:	Animation / Interaction:
This slide is a lightbox slide.	No Slide Title or Text.	No VO.	This is a lightbox slide. So it should automatically have an "X" to close the slide.
There is no top or bottom			
border.			This slide is accessed by clicking on the
			Diagram button on slide 1.20.
The entire slide contains			
the complete diagram of			When the user clicks the "X", it hides this
the Carbofuse CO ₂ Injection			slide and shows slide 1.20.
System. This can be the			
same diagram that appears			
on slide 2.1.			
Notes: This is a lightbox slide and is the only slide in scene 3.			