

# Theatre Science

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February 2020  
Basic title page for now

(This score is for: primary)

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**Credits**

**33**

## Casting

**M** one musician

**P** one PRIMARY speaker

**S** three SECONDARY roles

**S1** can go up the stairs to the stage; does one Mushroom Verbatim

**S2** always on the floor; does one Mushroom Verbatim

**S3** limited movement; stays in the podium zone

**T** three TERTIARY roles

**T1** limited movement on stage

**T2** limited movement on stage

**T3** stage right; does not move; can remain seated

**Q** one technical person in the booth

**R** one problem solver on the floor

PRIMARY does about 45% of the speaking, while the SECONDARY group shares another 45% and TERTIARY shares 10%.

## Instructions

Please read this section carefully before performing. It is short but the instructions are important.

## Formatting

Boxes have *instructions*, which are to be followed but not spoken.

A solid box has directions that **EVERYONE** should read.

*A dashed box has technical instructions, which are also in italics to set them apart. Everyone can read them, but only Q and R will act on them.*

Square brackets are for instructions for *one person*. Below are two examples.

**MUSICIAN:** [PLAY A NOTE.]

**PRIMARY:** [POINT TO THE TERTIARY GROUP.]

Your lines are in bold. Here is an example of what SECONDARY 1 sees.

SECONDARY 1: (*thoughtfully*): When it is your turn to say something, the line will be bold, like this.

SECONDARY 2: Authority is constructed ...

SECONDARY 3: ... and contextual.

PAUSE 1

SECONDARY 1: Once again, bold lines are the ones you say.

## Pauses

[PAUSE 1] means pause for a count of one, which you might time by saying to yourself, “One one thousand.” [PAUSE 2] means pause for a count of two, which you might time by saying to yourself, “One one thousand, two one thousand.” [PAUSE 5], you can see, would be a long pause where you count up to 5. Don’t rush a pause. The audience will wait for you.

## Pronunciation

Sometimes there will be instructions like *quickly* or *thoughtfully* about how you should say something. Try your best, but don't worry about it.

Words that might be hard to pronounce, like the name *Schoenberg*, will have a phonetic pronunciation beside them in square brackets: [SHERN-berg]. The capital letters indicate emphasis. Give it your best shot, but if you make a mistake, don't worry about it, try again or just move on. If the audience noticed, they will forget quickly .

The John Cage composition 4' 33" should always be pronounced in full as "four minutes and thirty-three seconds."

## For the musician

We use the piano to help indicate when a new section begins. When you see the instruction PLAY A NOTE, do this: pick any key on the piano (black or white, but not from too high on the right, because those high sounds won't resonate as long), hit it hard, and keep pressing the key down until you can no longer hear any sound from it, even if performers start talking. When you can't hear the note any more, wait a few more seconds to be

sure, then lift your finger up. Then wait for the next scenario.



## The score

### Setup: technical

*R: Setup instructions here. Projector, laptop, screen, etc..*

*Q LX: Lighting setup. GM ↑ 4.*

*Q SOUND: Prepare the thirty-minute introductory background sound with time announcements.*

*Q SOUND: At 1930, play the thirty-minute introductory background. It will end at 2000.*

## **Setup: cast**

Instructions for the cast: where to stand or sit, etc.

**Scenario 0: Introductory film (3 min)**

*R: Show the film. When it is finished, move to an empty black screen.*

*Q SX: Announcement on microphone. “Ladies and gentleman, performing Theatre Science tonight are:*

*\_\_\_\_\_ as the Musician,*

*\_\_\_\_\_ as Primary,*

*\_\_\_\_\_ as Secondary One,*

*\_\_\_\_\_ as Secondary Two,*

*\_\_\_\_\_ as Secondary Three,*

*\_\_\_\_\_ as Tertiary One,*

*\_\_\_\_\_ as Tertiary Two,*

*\_\_\_\_\_ as Tertiary Three,*

*William Denton as Q and Ashley Williamson as R.*

*You may follow along with the score provided. Theatre Science is now beginning. Theatre Science has begun.”*

*Q: Hit the gong loudly.*

## Scenario 1: Introduction (4 min)

*Q: LX: Lights up.*

MUSICIAN: Follow the red line until you are behind the piano, then sit on the piano stool.

MUSICIAN: [PLAY A NOTE.]

TERTIARY: Follow the orange line until you come to stand in a square. T1 and T2: you will stand. T3: you may sit or stand, as you choose.

PRIMARY: Follow the purple line. Stop on the square.

SECONDARY: S1: follow the blue line on the right and stop on the X. S2: follow the green line on the left and stop on the ×. S3: follow the pink tape and stop on the chevrons.

When you have arrived at your position, wait for the note from the piano to stop.

PRIMARY: When you can no longer hear the piano, wait one more second. Slowly raise your arms over your head, then slowly lower them back to your sides.

SECONDARY and TERTIARY: Copy Primary's arm movements as best you can.

**PRIMARY:** [PAUSE 1] Good evening, everyone. This show is about a concept from the field of library and information science. The concept is: *Authority is constructed and contextual.*

*R: SLIDE: "Authority is constructed and contextual."*

**PRIMARY:** This comes from a field of librarianship called *information literacy*.

SECONDARY 1: *Literacy*, on its own, can be defined in a very simple way as being able to read and write. But the world is a

lot more complicated now than it was five thousand years ago. There is writing all around us, on paper or on screens.

SECONDARY 2: There are many different kinds of literacies. The equivalent with numbers is *numeracy*. Being able to read and follow maps is a kind of literacy. There is also *digital literacy*, about being able to use digital tools, and *media literacy*.

SECONDARY 3: For librarians the key concept is *information literacy*. Here's a definition. It's dense, but we'll break it down.

*R: SLIDE: "Information literacy is the set of integrated abilities encompassing the reflective discovery of information, the understanding of how information is produced and valued, and the use of information in creating new knowledge and participating ethically in communities of learning."*

**PRIMARY: [POINT BRIEFLY TO THE SCREEN, THEN READ.] "Information literacy is the set of integrated abilities encompassing the reflective discovery of information, the understanding of how information is produced and valued, and the use of information in creating new knowledge and participating ethically in communities of learning." Put more simply, information literacy is the ability to do these**

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<sup>1</sup>Citation needed.

**with information:**

SECONDARY 1: Find.

TERTIARY 1: Use.

SECONDARY 2: Understand.

TERTIARY 2: Evaluate.

SECONDARY 3: Integrate.

TERTIARY 3: Share.

**PRIMARY: They don't have to all be done at the same time, or in that order.**

SECONDARY 1: Just reading the news requires you to understand, evaluate and integrate, but the news is coming at you all the time, you don't have to go out and find it.

SECONDARY 2: And it happens in different contexts. Helping a kid in elementary school with a homework assignment about trees is a lot easier than understanding changing provincial policy about the Green Belt, but the steps are the same.

SECONDARY 3: A lot depends on people. Information resources don't have to be written. If they are written, they're written by people. But sometimes they just actually are people. We turn to others for information or advice or expertise.

**PRIMARY:** This definition of information literacy on the screen comes from a division of the American Library Association called the ACRL, which stands for the Association of College and Research Libraries. The ACRL has many committees and ongoing projects, and some of that work is dedicated to information literacy. In 2016, it published a short document called *Framework for Information Literacy for Higher Education*.

*R: SLIDE: There is no slide here yet, but it will show the Framework.*

**PRIMARY:** More will be added here soon!



## Scenario 2: John Cage (3 min)

MUSICIAN: PLAY A NOTE.

PAUSE 4

**PRIMARY:** To help us understand this, we're going to need an example. A person. Someone from the arts. [PAUSE 1.] We're going to use John Cage.

*R: SLIDE: Photo of John Cage.*

Face the screen with your bodies.

**PRIMARY:** [GESTURE AT THE SECONDARY GROUP TO DIRECT ATTENTION TO THEM.] Background.

**PRIMARY:** Walk along the purple tape to the triangle, then face the centre of the hall.

**SECONDARY 1:** John Milton Cage Jr. was an American composer. He was born in Los Angeles in 1912 and died in New

York in 1992. He studied under composer Arnold Schoenberg [SHERN-berg]. In the early 1940s, he moved to New York, where he met Marcel Duchamp [mar-SELL doo-SHOMP] and other artists. [TURN ONE QUARTER TO THE LEFT.]

SECONDARY 2: He played chess with Duchamp. There's a Club connection to Cage and Duchamp and chess. In 1968, our own Donald Gillies ran the production of "Reunion" at Ryerson, where Cage and Duchamp played chess and the moves triggered sounds played by unseen musicians. [TURN ONE-QUARTER TO THE RIGHT.]

*R: SLIDE: Donald Gillies.*

SECONDARY 3: Cage married in his early twenties, but divorced his wife in 1945 and spent the rest of his life with Merce Cunningham, a dancer and choreographer. Later in life, he became a Buddhist. He followed a macrobiotic diet, and took his own food with him when he travelled. [TURN ONE-QUARTER TO THE LEFT.]

SECONDARY 1: He used chance into his work. These are "aleatory" [AYE-lee-uh-tory] compositions. He would often roll dice to determine what would happen next. He used the *I Ching* [EE CHING] as a compositional tool. [FACE THE CENTRE.]

SECONDARY 2: He was friends with contemporary visual artists such as Robert Rauschenberg [ROWSH-en-berg], who once made a work by taking a pencil drawing by Willem de Kooning [WILL-um de KOO-ning] and erasing everything on it. [FACE THE CENTRE.]

SECONDARY 3: He smoked a lot. He laughed a lot. He organized the first Happenings. He was a mycologist [my-COLL-o-jist]. He composed the silent piece. [FACE THE CENTRE.]

PAUSE 2

**PRIMARY: The silent piece. That's 4' 33" [four minutes and thirty-three seconds]. [WALK ALONG THE PURPLE TAPE AND STOP ON THE X.] This is the score. [GESTURE TO THE SCORE WITH A SWEEP OF YOUR ARM.]**

*R: SLIDE: Show the score.*

**PRIMARY: It has three movements. Each is the word "Tacet" [TASS-it]. This tells the musician not to play. It was first performed by pianist David Tudor in 1952. He came out on stage and sat at the piano.**

PRIMARY and all SECONDARY look at TERTIARY on stage.

TERTIARY 1: In the first movement, he didn't play the piano.

TERTIARY 2: In the second movement, he didn't play the piano.

TERTIARY 3: In the third movement, he didn't play the piano.

**PRIMARY: After four minutes and thirty-three seconds of not playing, he stood up, and the piece was over. That's the silent piece.**

SECONDARY 1: Except ... [RAISE ONE FINGER OVER YOUR HEAD]

PAUSE 2

SECONDARY 2: ... it's not ... [SHRUG YOUR SHOULDERS]

PAUSE 3

SECONDARY 3: (*firmly*) ... silent.

PAUSE 4

SECONDARY 1: Even though the pianist wasn't playing ... [LOWER YOUR FINGER]

SECONDARY 2: ... the audience still heard sounds ...

SECONDARY 3: ... from themselves, and the room, and the whole environment.

**PRIMARY: As Cage said, "There's no such thing as silence."**

SECONDARY and TERTIARY: Give an exaggerated shrug and knowing wink to an audience member of your choice.
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## Scenario 3: Authority is Constructed and Contextual (5 min)

PIANIST: [PLAY A NOTE.]

[PAUSE 4]

*Use a video?*

SECONDARY 1: (*thoughtfully*): Authority is constructed and contextual.

*R: SLIDE: Show “Authority is constructed and contextual”.*

SECONDARY 2: Authority is constructed ...

SECONDARY 3: ... and contextual.

[PAUSE 1]

SECONDARY 1: Authority

SECONDARY 2: is constructed

SECONDARY 3: and contextual.

[PAUSE 1]

**PRIMARY: This is the concept in question. This is the**

*frame* we are going to investigate and try to understand. Let's look at the definition.

*R: SLIDE: Show "Information resources reflect" paragraph.*

**PRIMARY: One should never read a block of text from a screen, but they're going to read a block of text from a screen.**

SECONDARY 1: "Information resources reflect their creators' expertise and credibility, and are evaluated based on the information need and the context in which the information will be used."

SECONDARY 2: "Authority is constructed in that various communities may recognize different types of authority."

SECONDARY 3: "It is contextual in that the information need may help to determine the level of authority required."

*R: SLIDE: Show "Information resources reflect" paragraph with first line bold.*

**PRIMARY: What's an information resource? Define.**

TERTIARY 1: A book. A web site. A documentary on TV. A Facebook post. An article in an academic journal. A thread on

Twitter. A newspaper report. A pamphlet your doctor gave you. Could be a person! Like your cousin who knows about really good foreign TV shows you've never heard of.

**PRIMARY: How do they reflect their creators' expertise and credibility?**

TERTIARY 2: The book was written by someone who's spent years researching the topic. The web site has recipes tested by a cook you like. The post on Facebook was made by someone who was actually at the event.

TERTIARY 3: The academic article is by a team of people at a research laboratory at a university. The thread on Twitter is by a former cabinet minister, critiquing today's government.

**PRIMARY: And these are evaluated in a certain context, based on what you need and how you'll use it.**

SECONDARY 1: If I'm planning a vacation in a city I've never been to before, I'd go to some web sites, get some travel guides, and ask people I know if they've been there. That's enough for me as a tourist. But if I was thinking about doing business there, that's a whole different thing, and I need different information, about the economics, politics, demographics, regulations and so on.

SECONDARY 2: Or if I had to write something about the Group



of Seven. If I just needed to check who the ninth and tenth members were, the Wikipedia entry is enough. But if I'm studying Canadian art history at university, I'd need to read books by art historians and other experts.

**PRIMARY: Experts. Let's remember that word. We've got authority and we've got expertise. But ...**

*R: SLIDE: Show "Information resources reflect" paragraph with second line bold.*

**PRIMARY: Authority isn't absolute. Different people can recognize different types of authority in different situations.**

SECONDARY 3: If I want to know what A.J. Casson was like as a person, someone who knew Cass—a member here who had lunch with him, and maybe visited his house to buy a painting—is one kind of authority. But if I want to know if Painters Eleven, as a group of Canadian artists with a shared project, was influenced by the existence of the Group of Seven, that's different. I'd look to different authorities.

TERTIARY 1: THERE WILL BE MORE HERE.

*R: SLIDE: Show "Information resources reflect" paragraph with third line bold.*

**PRIMARY: AND MORE HERE.**

## **Scenario 4: Cage and music (3 min)**

## **Scenario 5: Cage and mushrooms (6 min)**

## **Scenario 6: Swiss roll (5 min)**

Tie it all together about Cage and authority and how it is constructed and contextual.

## **Scenario 7: 4' 33" (6 min)**

Instructions on where to move.

Put down your score and pay attention to PRIMARY, who will conduct.

**PRIMARY: [Press play on the device and follow the instructions. If you cannot hear anything after a few seconds, raise a hand and look for someone in a white lab coat.]**

When the piece is over, wait until the audience has reacted and had time to cough and move. Wait until the room is quiet again.

**Coda (1 min)**

**PRIMARY: Thank you.**

## **Curtain call**

What to do for the curtain call.

*LX: Lights down. House lights to full.*



## Credits

Created by Ashley Williamson and William Denton.

Theatre Science would not exist without the Arts and Letters Club of Toronto. Thanks to everyone we've ever worked with in any stage production at the club. We're grateful to the Stage Committee for giving us the time for these performances. Special thanks to Fiona McKeown and Chris Gardener. Very special thanks to Michael Spence, who embodies both Theatre and Science.

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