

Virtual World Instructional Unit

An Introduction to the LTEC Ph.D. Journey in Second Life



Jonah Preising, Ty Aki, Jordie Ocenar*, and Naomi Rombaoa Tanaka



Second Life is an online virtual world, developed by Linden Lab, based in San Francisco, and launched on June 23, 2003. By 2013 Second Life had approximately 1 million regular users, according to Linden Lab, which owns Second Life.

Poll

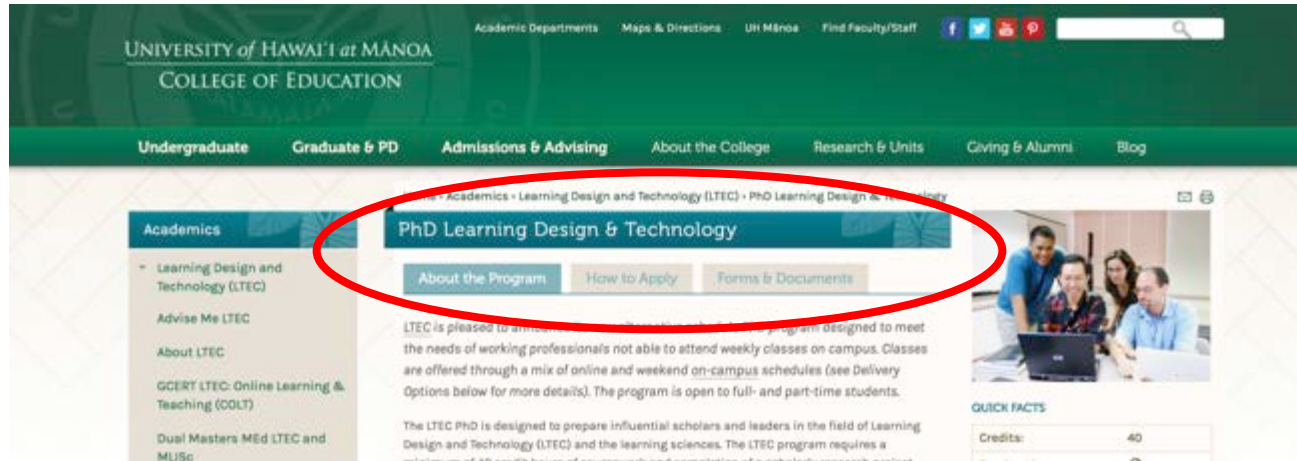
How many have used SL?

Poll

How many still use SL?

Introduction and Instructional Goal

“The purpose of this module is to engage students in experiences that helps them better understand the University of Hawaii at Manoa College of Education’s Learning Design and Technology Ph.D. program from start to finish.”



Performance Objectives

Navigate to select web pages and surveys

Move their avatars towards one of four colored screen to represent their answers

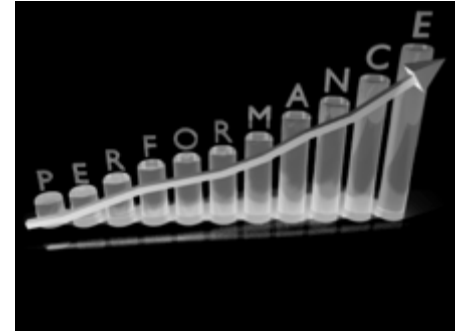
Cycle through the slideshow

Complete the slides.

Follow the list of classes to take each semester to fulfill requirements

Order the chapters of a dissertation

Able to locate the correct forms to turn in



Target Population



“Prospective LTEC PhD students who are users of Second Life.”

Instructional Strategy

1. Introduction to our sim by orientation screen at teleportation point
2. Pre-assessment of learners
3. Statement of lesson objectives on signage.
4. Presentation of self-paced instruction, broken down into floor-based modules: Overview, Comparison with Masters Degree, Course Requirement Overview, Study Tips, Stress Management, Comps, Dissertation, Graduation, and Life After Graduation.
5. Performance assessments in each of the modules, after completion of the self-paced instruction.
6. Reflection on their sim experience and suggestions.



Instructional Strategy

“Gagne’s Nine Events of Instruction for the First Floor’s Introduction and Orientation.”



Events	Descriptions	Resources
1) Gain attention	Give Ss UH Backpack	Give Ss UH Backpack
2) Inform learners of the objective	(C) Given a prompt to take part in an ice breaker Q & A activity, (A) participants will (B) move their avatars towards one of four colored screen to represent their answers (D) with 100% participation.	Red, Green, Yellow, & Text Based URL Provider Screens.
3) Stimulate recall	Ask Ss to navigate to a color coded Url Screen that corresponds with Icebreaker questions	Red, Green, Yellow, & Text Based URL Provider Screens.
4) Present stimulus materials	Instructor gives example by asking an example question and navigating their avatar to color coded screen e.g. Red=No, Green=Yes, and Yellow=Neutral	Red, Green, Yellow, & Text Based URL Provider Screens.
5) Provide learner guidance	Inform Ss via SL Instant Messenger	SL Instant Messenger
6) Elicit performance	Instructor asks icebreaker questions	SL Audio and Text Chat
7) Provide feedback	Display Analytics on URL Provider Screen	Text Based URL Provider Screen
8) Assess performance	Compare number of answers to number of participants in SL Instant messenger	SL Instant messenger
9) Enhance retention and transfer	Ask Ss to form a circle around the table in the center of the first floor and introduce themselves by stating or writing their name and then introduce the person next to them. Instructor provides example by going first and prompting the person to their left.	SL Instant messenger text and audio

Timeline



	Lesson Events	Estimated Duration
Floor 1	PhD Overview/ Orientation	10 minutes
Floor 2	Class/ Credit Requirements	5 minutes
Floor 3	Study Tips	5 minutes
Floor 4	Stress Relief/ Support	5 Minutes
Floor 5	Comps	5 minutes
Floor 6	Dissertation Information	10 minutes
Floor 7	Graduation	10 minutes
Floor 8	Life After the PhD	10 minutes
Total:		60 minutes

Instructional Tools

Second Life System requirements link:

URL Providers

[Link to exit survey \(formative evaluation\)](#)

[Links to stress management strategies](#)

[Purdue OWL APA](#)

[UH Library research](#)

[How Not to Write a PhD thesis](#)

[Quick Reference LTEC PhD Program Handbook](#)

[Links to forms needed to turn in during the course of the PhD](#)

[Links job websites](#)



Note Card Providers

[Prompt for stress management writing assignment](#)

[Separate notecards with a checklist for graduation](#)

Video Links

[Youtube videos on how to write dissertation](#)

Formative Evaluation



Reviewer Feedback:

I like the overall framework and look forward to watching this develop, possibly as a part of the next LTEC PhD orientation

A link to the new current student website that is being built as we speak for COE would be great, since we just completed the usability study for it!

In order to motivate these beginning students.
yes a balance between motivating, supporting and scaring them away. It's hard to envision this life until you are smack dab in it. This will be very interesting to see reactions of students.

This is very structured and programmed, and would be appropriate for some students, maybe not a much for people looking for information on one or two specific areas. These folks might not meet all of your objectives. The objectives each look fine though

Formative Evaluation



Reviewer Feedback:

This works for me as a new PhD student without previous LTEC coursework

The time frames are excellent students are very busy and time is so very precious being able to jump in and then out to return later might be an advantage as well.

I noticed that your lesson plan is very well organized in thought and the time sequence makes for a very informative lesson. With 5 minutes per lesson event seems to be based on the learner having prior experience in Second Life, as your instructional strategy states that some type of building occurs in Second Life.

According to me, this comparison part is not necessary. For those students who have never been LTEC masters, this part makes little sense to them. For those LTEC masters they will notice the differences after the lesson. It could be an icebreaking or warm-up activity instead.

“What Went Right...”



Productive meetings

We all enjoyed SL

Highly organized team of individuals

Excellent mix of personalities

Instructor and TA's prompt responses to our emails



“What Was Challenging...”

Some uncertainty around some of the objectives in the assignment

Collaborative effort created value

Some of the team came with limited building skills in Second Life

Learning Curve was steep



Virtual Slide Show Time!



1

PHD
Overview/
Orientation



Press ESC to return to World View

Yellow

Press ESC to return to World View.



2

Class/ Credit
Requirements

⌵

Touch for

Press ESC to return to World View

Session 2 Materials

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3

Study Tips

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Session 2 Materials

INSTRUCTIONS (PAGE 2 of 3)

Put a notecard inside with a maximum of 500 characters worth of text. (You can use line breaks). By adding more notecards, the content of each successive card will be shown for 10 seconds.

Writing a number in the Description field of the message board will change the display time accordingly.

1
DVD
Overview
Orientation

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4

Stress Relief
and Support

⌵



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S
T
A
R
T
H
E
R
E

STRESS?! What's stress?!!!

"**Stress** is simply a reaction to a stimulus that disturbs our physical or mental equilibrium. In other words, it's an omnipresent part of life. A **stressful** event can trigger the "fight-or-flight" response, causing hormones such as adrenaline and cortisol to surge through the body."



What
The pu
stress, t
levels, c
care an

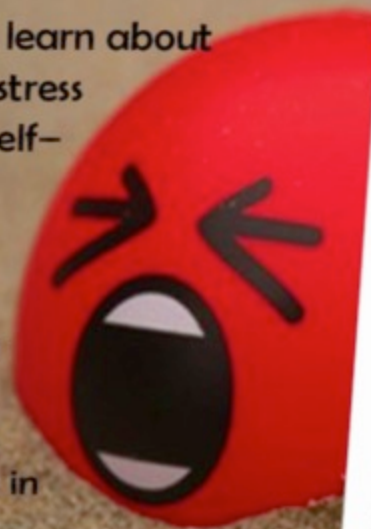
Learnin
Given a
will write
piece on t
manage s
one or mo

What's this all about?

The purpose of this floor is to learn about stress, think about your own stress levels, and make a plan for self-care and stress reduction!

Learning Objective

Given a writing prompt, you will write a short reflective piece on things you will do to manage school-related stress in one or more paragraphs.



THINK ABOUT IT!
On a scale of 1 to 5,
how stressed are you about school right now?
1= No Stress and 5= Max Stress





Press ESC to return to World View

4 Review Slideshow
2/6 name: 4STRESSinReview2

Mini Writing Assignment- Personal Reflection

Click on this slide to go to an external Google Form. Write a short reflection (1-2 paragraphs) on things you will./ already do to manage school- related stress. Make sure to plan to plan to do something daily!



Turn the corner
on the treadmill,
tion, or other mat
and tal

P
t

View2

Write a short
ready do to
n to plan to



Time to De-Stress

Turn the corner to engage with some relaxing activities! Exercise on the treadmill, get your BMI number, do yoga, tai chi, meditation, or other mat exercises, relax in a hammocks or swinging chair, and take a warm bath in a hot tub! Enjoy!

PLAY time

Exit here
for the next floor!



Click on a mat
then "xit" to activate anim



Tai



Exit here
for the next floor!

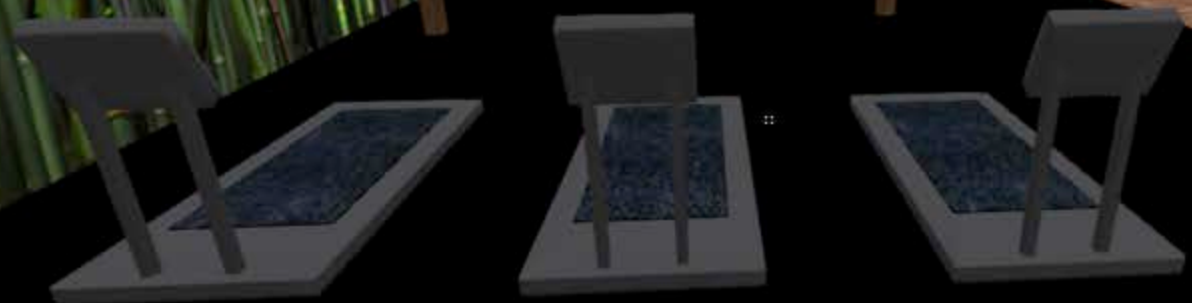


⌘

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4 Review Slideshow
2/6 name: 4STRESSInReview2

4 Review Slideshow

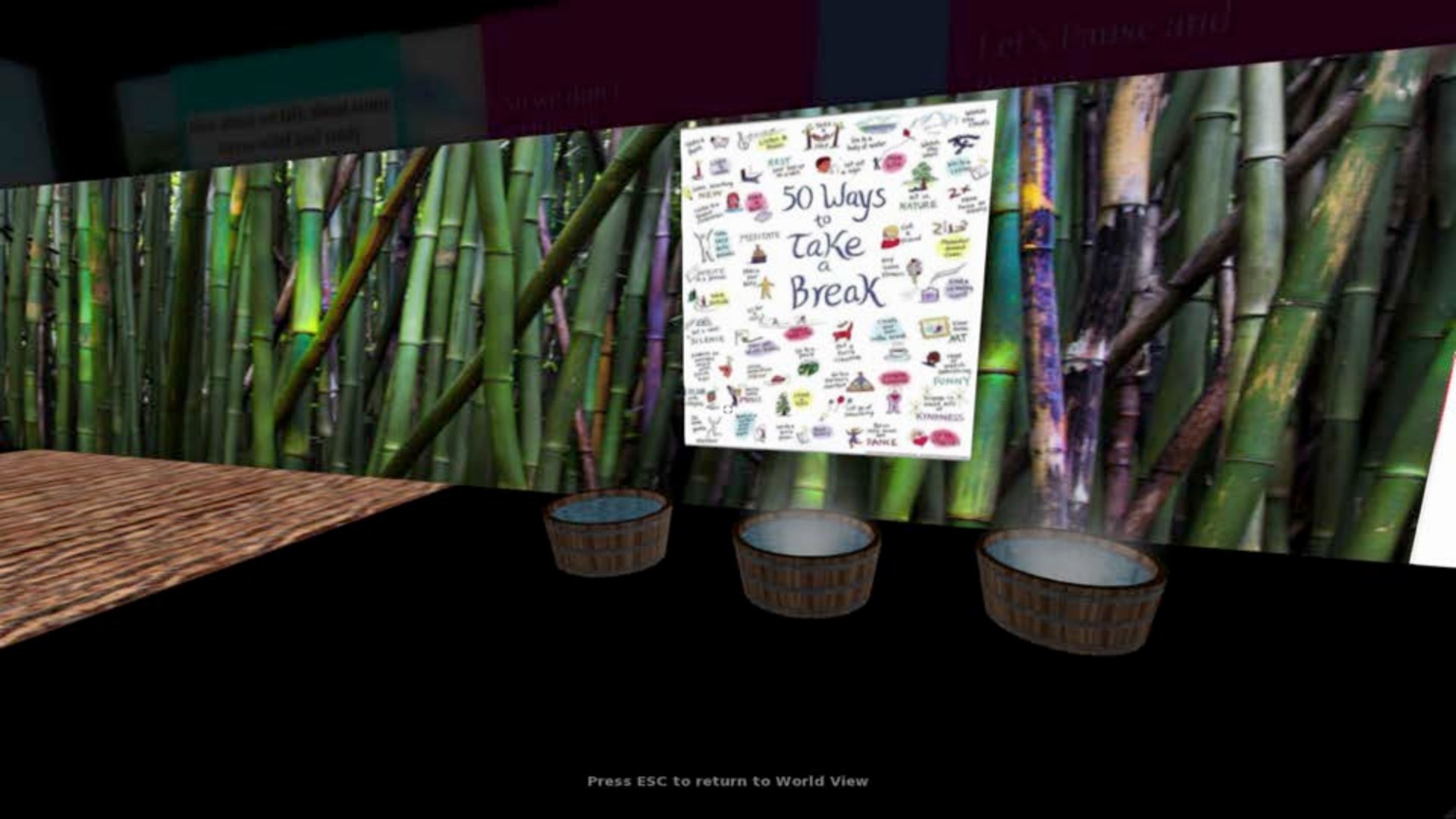


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Progressive Muscle Relaxation

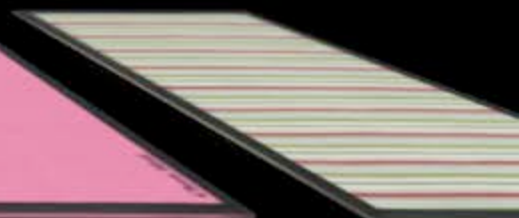
10

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Click on a mat
then "sit" to activate animations for:



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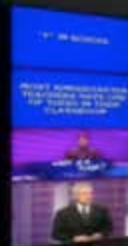


5

Comps



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Let's Pause and Review...

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"F" IN SCHOOL

MOST KINDERGARTEN
TEACHERS HAVE ONE
OF THESE IN THEIR
CLASSROOM

WHAT IS A
FLASK?

\$35,000

THE
EX-MIL
TO
ENTREPRE
BE
MULTI-M
IN TH
IND

WHO ARE CALLED
CAPTAIN CALIB

THIS VIDEO GAME
CHARACTER IS BLUE,
COLLECTS RINGS,
AND GOES FAST.



Who is
DANKEY KANG?
\$11,600



Who is
Princess Zorlido?
Press ESC to return to World View



Let's Pause and
Review...

11

Press ESC to return to World View.

some
ly
earlier?

So we don't
STRESS!!!

*Let's
Review*

11



**How about we talk about some
stress relief and study
techniques mentioned earlier?**

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Pick up and review supplementary materials:

Steps to Comps

Steps to
Proposal

How to Move Objects

PICK UP SUPPLEMENTARY MATERIALS

Comps



Press ESC to return to World View

Proposal

File Form 2 with LTEC PhD coordinator

2) and prospectus

File Form 2 with LTEC PhD coordinator

6

Dissertation
Information

and review
ary material

How to Move

How to Move

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6

Dissertation
Information



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7

Graduation



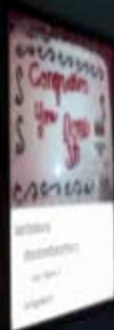
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Press ESC to return to World View



benfoldsone:

okaysizedbangtheory:

you done it
congratation



Jonah's Link

Press ESC to return to World View

Pick up activity materials:

Regalia
Grad App

Form III
Commencement

PICK UP ACTIVITY MATERIALS



INSTRUCTIONS

- PICK UP AND REVIEW SUPPLEMENTARY MATERIALS.
- PICK UP ACTIVITY MATERIALS.
- CHANGE ACTIVITY MATERIAL HOVERTEXT.
- ANSWERS WILL BE REVIEWED IN NEXT SECTION.

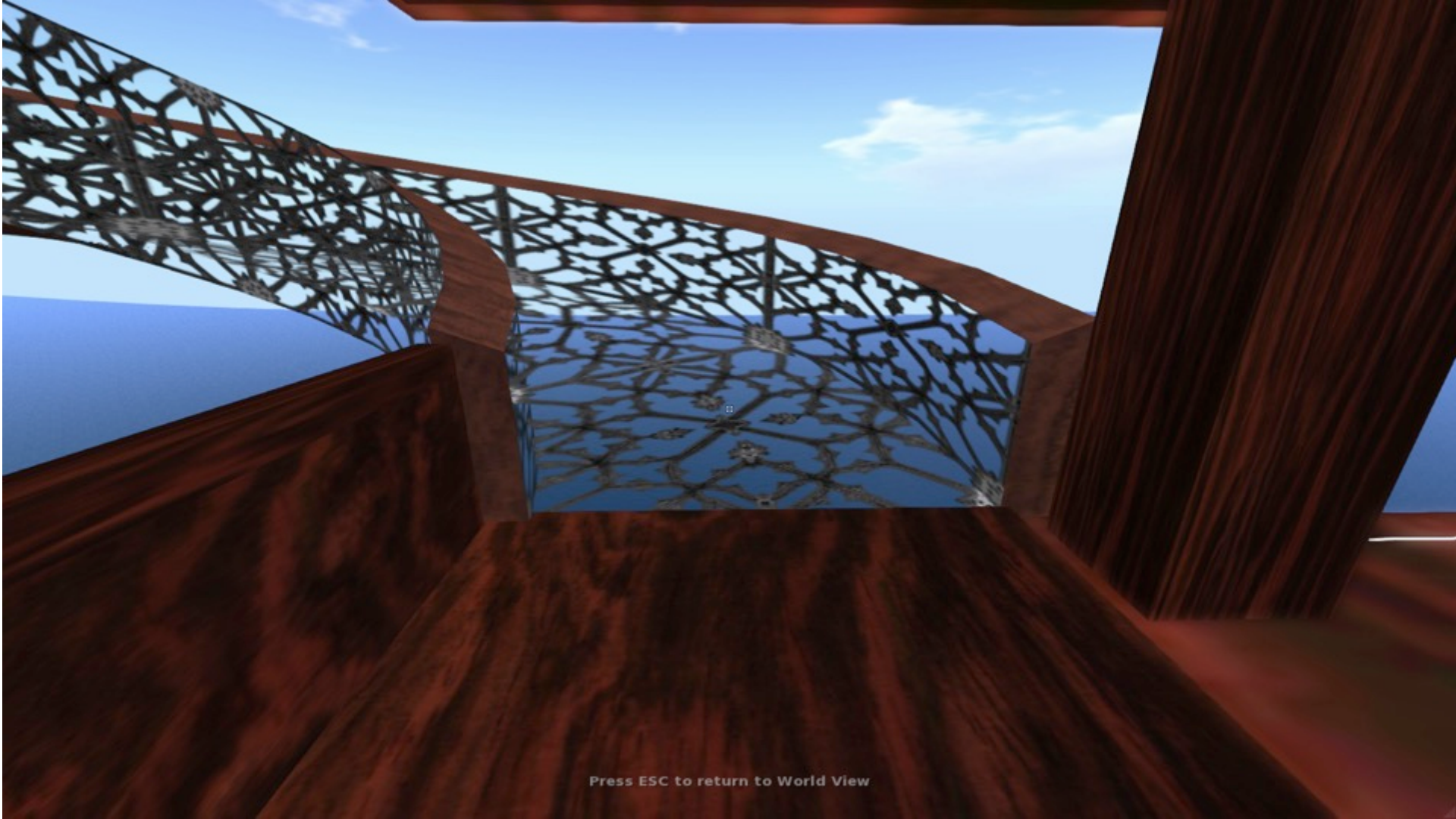
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PICK S

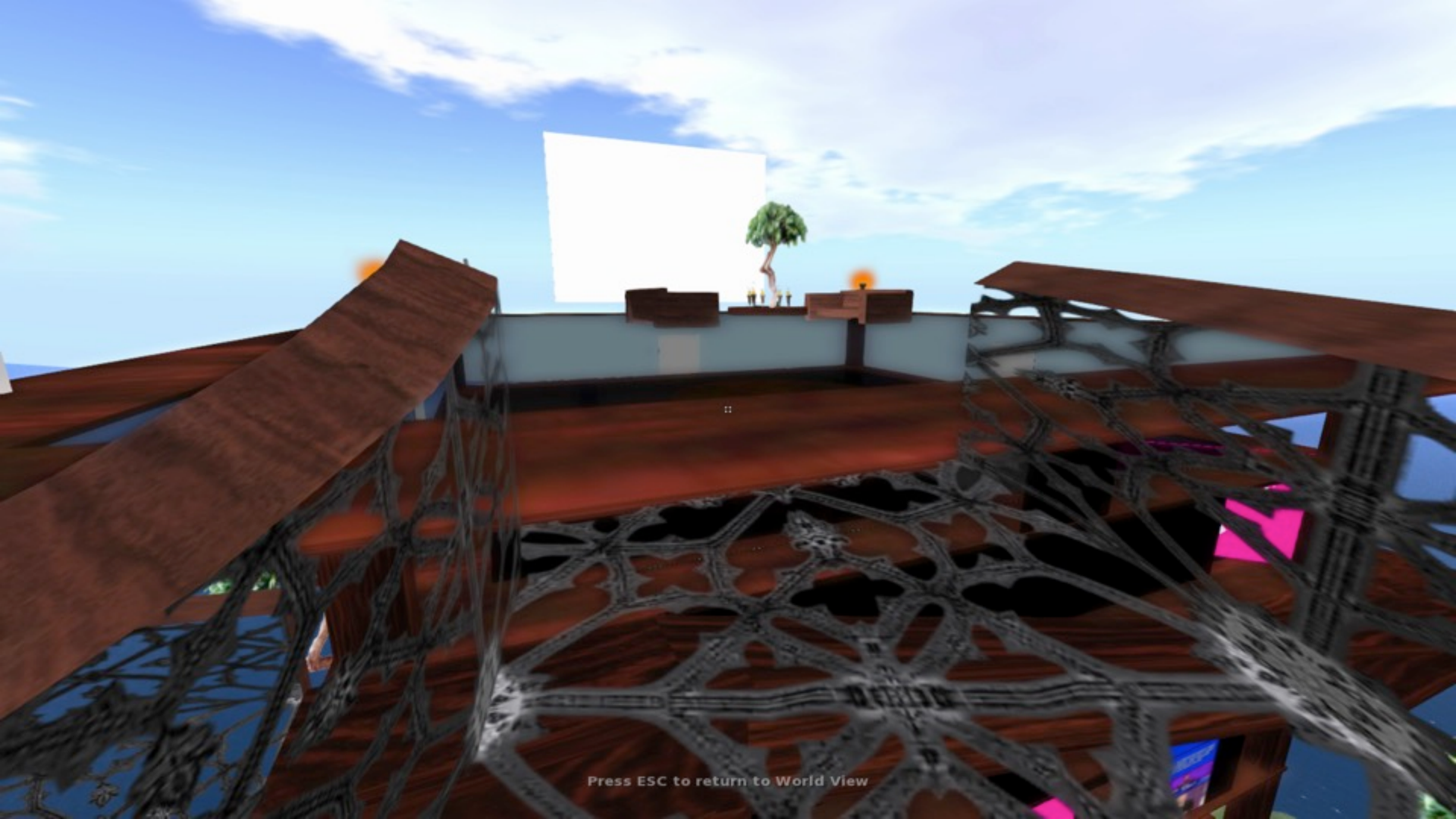


11

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Exit Survey



Jonah's Link



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Exit Survey

PhD Journey Sam: Exit Survey

The purpose of this survey is to gather feedback on your experience of the PhD Journey Sam project. Your responses are anonymous and will be used to improve the project.

1. How would you rate the overall quality of the PhD Journey Sam project?

☐ Excellent

☐ Good

☐ Fair

☐ Poor

2. Please give us feedback on your experience of the PhD Journey Sam project.

3. Please give us feedback on your experience of the PhD Journey Sam project.

Question	Answer
1. How would you rate the overall quality of the PhD Journey Sam project? <td></td>	
2. Please give us feedback on your experience of the PhD Journey Sam project. <td></td>	
3. Please give us feedback on your experience of the PhD Journey Sam project. <td></td>	

Jonah's Link

Press ESC to return to World View

Exit Survey

PhD Journey Sim- Exit Survey

The purpose of this survey is to get feedback for the PhD on-going research for 10-15 minutes. Please use these ratings for our final group project and to improve on the design of our sim. The survey should take about 10-15 minutes. Thank you for your feedback.

1. How would you rate this sim overall?

- ☐ Highly unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Highly satisfied

2. Please give us feedback on your overall experience in this sim.

Your answer

3. Please rate each section of the sim

	Highly unsatisfied	Unsatisfied	Neutral	Satisfied	Highly satisfied
Orientation	☐	☐	☐	☐	☐
Class Information	☐	☐	☐	☐	☐
Orientation and Study Plan	☐	☐	☐	☐	☐
Graduation and the Future	☐	☐	☐	☐	☐

Jonah's Link

Press ESC to return to World View

PhD Journey Sim- Exit Survey

The purpose of this survey is to get feedback for the PhD sim we created for LBC students. We will use these results for our final group project and to improve on the design of our sim. The survey should take about 10-15 minutes. Thank you for your feedback!

1. How would you rate this sim overall?

- ☐ Highly unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Highly satisfied

2. Please give us feedback on your overall experience in this sim

Your answer

3. Please rate each section of the sim

	Highly unsatisfied	Unsatisfied	Neutral	Satisfied	Highly satisfied
Orientation	☐	☐	☐	☐	☐
Class Information	☐	☐	☐	☐	☐
Expectation and Study Task	☐	☐	☐	☐	☐
Graduation and the After Life	☐	☐	☐	☐	☐

Jonah's Link

Press ESC to return to World View

Graduation



Jonah's Link

Press ESC to return to World View.



References

Gagné, R. M., Briggs, L. J., & Wager, W. W. (1992). Principles of instructional design (4th ed.). Fort Worth, TX: Harcourt Brace Jovanovich College Publishers.

TIP: Theories (2008). Conditions of learning (R. Gagne).

Mayer, Richard E. "Cognitive theory of multimedia learning." *The Cambridge handbook of multimedia learning* (2014): 43.