



CENTER FOR  
LANGUAGE  
EDUCATION  
語文教育中心

# Adventures in creating a “choose your own adventure” game for academic English

JALTCALL 2022 - June 17-19

Suzan Stamper [icsstamper@ust.hk](mailto:icsstamper@ust.hk)

Mansurbek Kushnazarov [icmansur@ust.hk](mailto:icmansur@ust.hk)

Delian Gaskell [icdgaskell@ust.hk](mailto:icdgaskell@ust.hk)





# Overview

1) background to game

2) process for creating the game

- "packing"
- "mapping"
- "bumps" of challenges
- "guide" - Instructional Designer

3) plans for revision (still in process)

4) advice for creating similar games: software selection, scriptwriting, technical issues, refining game elements, producing videos, editing, and evaluation



# HKUST CLE LANG 1003

Hong Kong University of Science and Technology

1st year Common Core courses = 2 semesters of English

New course piloted in Spring 2022

Approximately 41 teachers and 2200 students in 117 sections

Innovations:

- Competency-based Approach
- Blended Learning
- Gamified electives

**Overall IELTS  
Band 6**

**Covid = online  
for 3 of last 4 terms**



# LANG 1003 - "Academic English for University Studies"

- For developing students' academic literacy skills
- For finding and evaluating sources for academic writing and speaking (e.g., library skills, search skills)
- For synthesizing ideas and information
- For communicating in an academic community
- For developing as a lifelong learner

13 weeks x 3 hours a week

In a self-directed learning task, students choose electives

# TLIP grant from CEI: Center for Education Innovation

"achieving effective learning by enhancing students' motivation and active engagement through a variety of active learning pedagogies"

Teaching & Learning  
Innovation Projects  
Spring 2021-22

Call For Proposal

Gamification &  
Game-Based Learning

AR, MR & VR

Experiential  
Learning

Innovative  
Active Learning

Center for Education Innovation  
教育創新中心



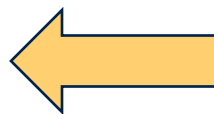
# TLIP grant from CEI

Team – 4 official members (2 leaders and 2 members)

2 of the members completed a gamification certificate workshop  
support from Instructional Designer and CEI

## Timeline

- Planning – Fall 2021
- Pilot – Spring 2022
- Revision – Summer & Fall 2022
- Second iteration – Spring 2023



# Game & Gamification Development Process











# Design of electives

"Learning to Learn" gateway + 4 topics (each elective = 3 hours)

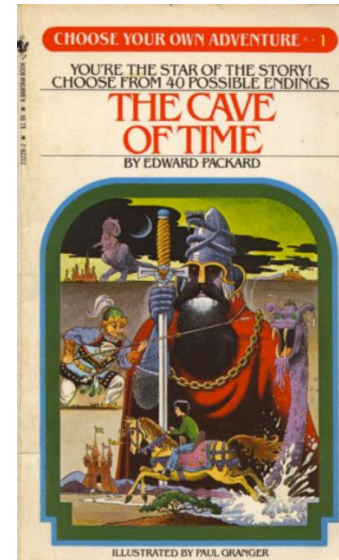
Badges for completion triggered in Canvas

		Gateway	Speaking	Online Resources	Academic Writing	Adventure
	Alias: Thankful Elephant	3 of 5				
	Alias: Astute Eagle	3 of 5				
	Alias: Hatless Gorilla	3 of 5				
	Alias: Stunning Stegosaurus	3 of 5				
	Alias: Jubilant Crocodile	3 of 5				
	Alias: Cryptic Lion	3 of 5				



# The Study Abroad Adventure elective

"choose your own adventure" or action maze



The Evil Landlady Action Maze

<https://web.uvic.ca/hrd/quandary/>

## Competencies

- Evaluation of information and sources
- Mode of communication / multimodality

"The game is designed to appeal to 'real life' problems that students could encounter in planning for an exchange year and will test their skills in problem solving and language communication. "



# Study Abroad Adventure final activity

What an experience! What memories! Your study abroad adventure has come to an end. It's time now to share your experiences with other students interested in studying abroad.

Use your creativity and imagination! For instance, you could describe an activity or tell a story. If you know how to use a green screen, you could pretend you are somewhere in the country. The content is quite flexible. At the same time, pay attention to the time. We don't expect you to spend more than 60-90 minutes on this final activity.

The best way to do this is multimodally with visuals (e.g., photos, maps, graphs), video clips, audio clips, music clips, hyperlinks, and text.

Create one of the following multimodal options.

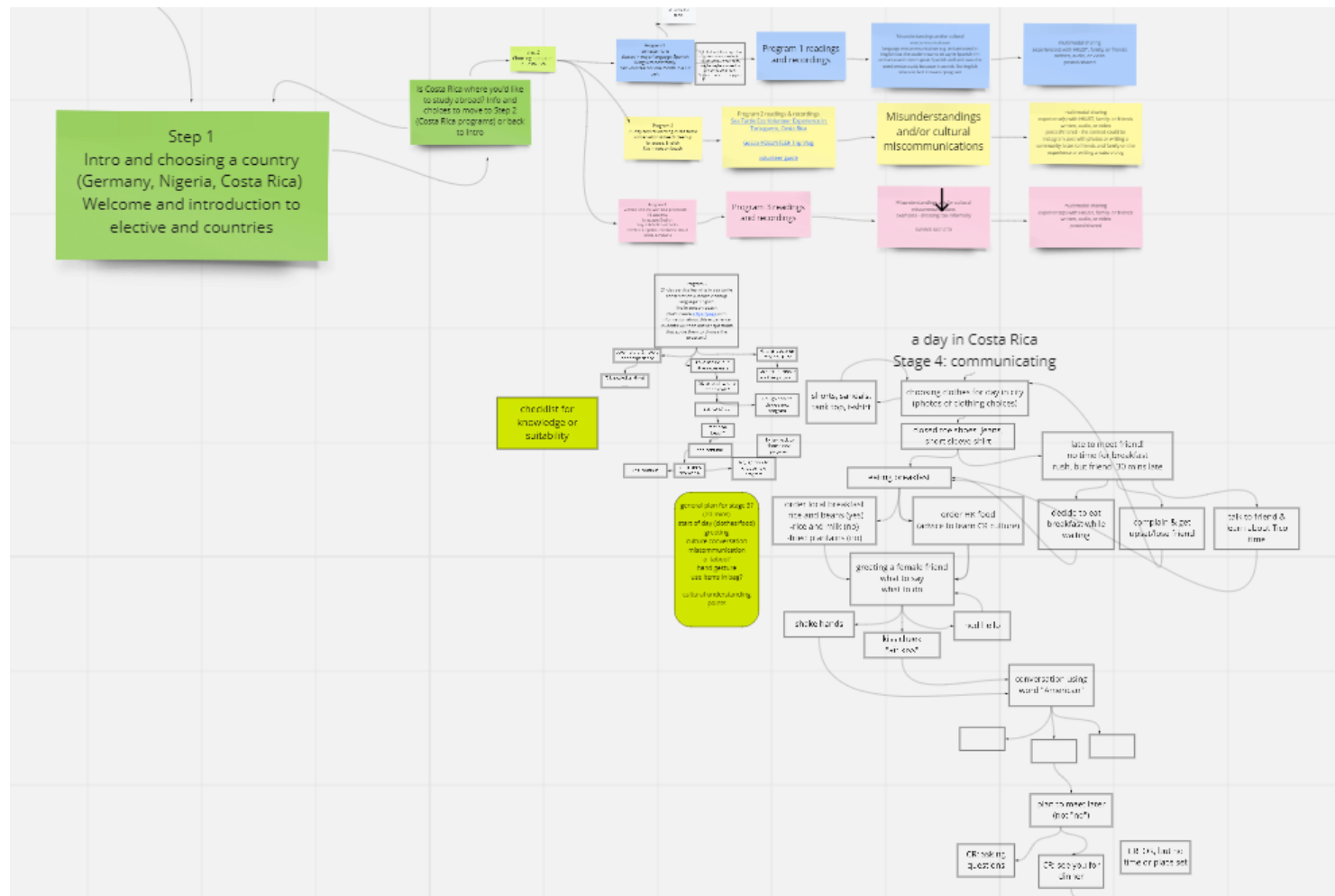
- **a blog or letter** (200-250 words with hyperlinks and/or visuals)
- **a recording of a ppt presentation** (2-3 minutes)
- **a video** (2-3 minutes)

**Read and  
respond to 2-3  
classmates.**



# Starting the project

Mapping out the adventures with Miro  
<https://miro.com/>  
an online collaborative whiteboard





# Structure for each country

Information about the three countries (30-40 mins)

- Choice of three programs (30-40 mins)
- Program content (30-40 mins - brochure)
- Communication/miscommunication (20-30 mins)
- Multimodal sharing (60 mins)



# Countries and programs

Germany	Costa Rica	Nigeria
Cultural exchange/Berlin walk Sustainable vehicles factory tour Street art	Sea turtle service learning National park conversation University exchange	English teacher volunteer Nigerian start-ups Afrobeats culture tour

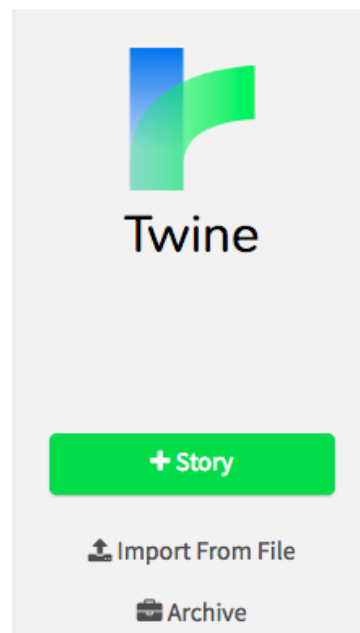
## Variations

- Length of time
- Requirements
- Living arrangements (host family, hostel/dorm, hotels)

**"Congratulations! You've won a study abroad scholarship!"**



# Software Choices



These photos by unknown authors are licensed under [CC BY-SA-NC](https://creativecommons.org/licenses/by-sa/4.0/).



# Development with Articulate Storyline

## Nigeria – miscommunication/communication level


### 1. In a restaurant in Nigeria

You feel excited as you are going out to try some local cuisine with your new Nigerian friends. When you arrive at the restaurant, the place is very noisy and crowded. You are eager to try a new experience, but you are experiencing 'culture shock'. The sight of people talking loudly and making unfamiliar arm and hand gestures makes you feel nervous and 'out of your comfort zone.' How do you react? 2, 3, 4

2. You feel shy with so many people talking loudly, so you just sit quietly. After a while, you notice your friends are looking at you. One of them then asks you if you are enjoying yourself. You answer 'yes', but you are a bit embarrassed. What do you do? 4, 3, 11

3. You decide to make an effort and you join in the fun. You find yourself speaking loudly and using the same hand gestures as the others. You're fitting in. Everyone becomes very happy, and you find yourself having a good time. You want to do something nice for everyone. 8, 15, 16

4. This isn't for you. You tell everyone that you're not feeling well and go home. When you get back to your room, you worry that you were rude to leave. You send a text message to one of your friends.

So sorry I left early. I'm shy  and not good at partying. Hope you're having fun.

Your friend replies

Don't worry. Hope we can go out again. 

## 7 Nigeria Miscommunication





# Development with Articulate Storyline

## Nigeria – miscommunication/communication level


### 1. In a restaurant in Nigeria

You feel excited as you are going out to try some local cuisine with your new Nigerian friends. When you arrive at the restaurant, the place is very noisy and crowded. You are eager to try a new experience, but you are experiencing 'culture shock'. The sight of people talking loudly and making unfamiliar arm and hand gestures makes you feel nervous and 'out of your comfort zone.' How do you react? 2, 3, 4

2. You feel shy with so many people talking loudly, so you just sit quietly. After a while, you notice your friends are looking at you. One of them then asks you if you are enjoying yourself. You answer 'yes', but you are a bit embarrassed. What do you do? 4, 3, 11

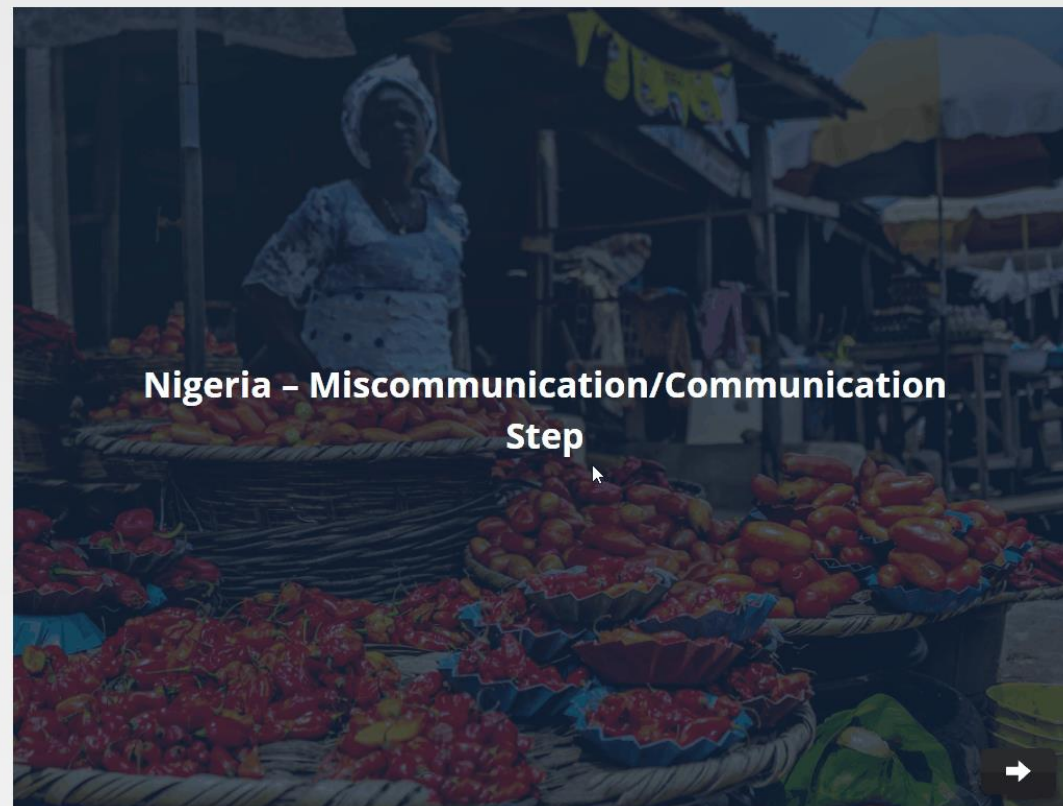
3. You decide to make an effort and you join in the fun. You find yourself speaking loudly and using the same hand gestures as the others. You're fitting in. Everyone becomes very happy, and you find yourself having a good time. You want to do something nice for everyone. 8, 15, 16

4. This isn't for you. You tell everyone that you're not feeling well and go home. When you get back to your room, you worry that you were rude to leave. You send a text message to one of your friends.

So sorry I left early. I'm shy  and not good at partying. Hope you're having fun.

Your friend replies

Don't worry. Hope we can go out again. 







# Moving to Canvas

2021-22 SPRING

## Study Abroad Program

No score

Reset

Done

[Home](#)

[Syllabus](#)

[Modules](#)

[Announcements](#)

[Assignments](#)

[Discussions](#)

[Grades](#)

[People](#)

[Pages](#)

[Files](#)

[Outcomes](#)

[Rubrics](#)

[SCORM](#)

[Quizzes](#)

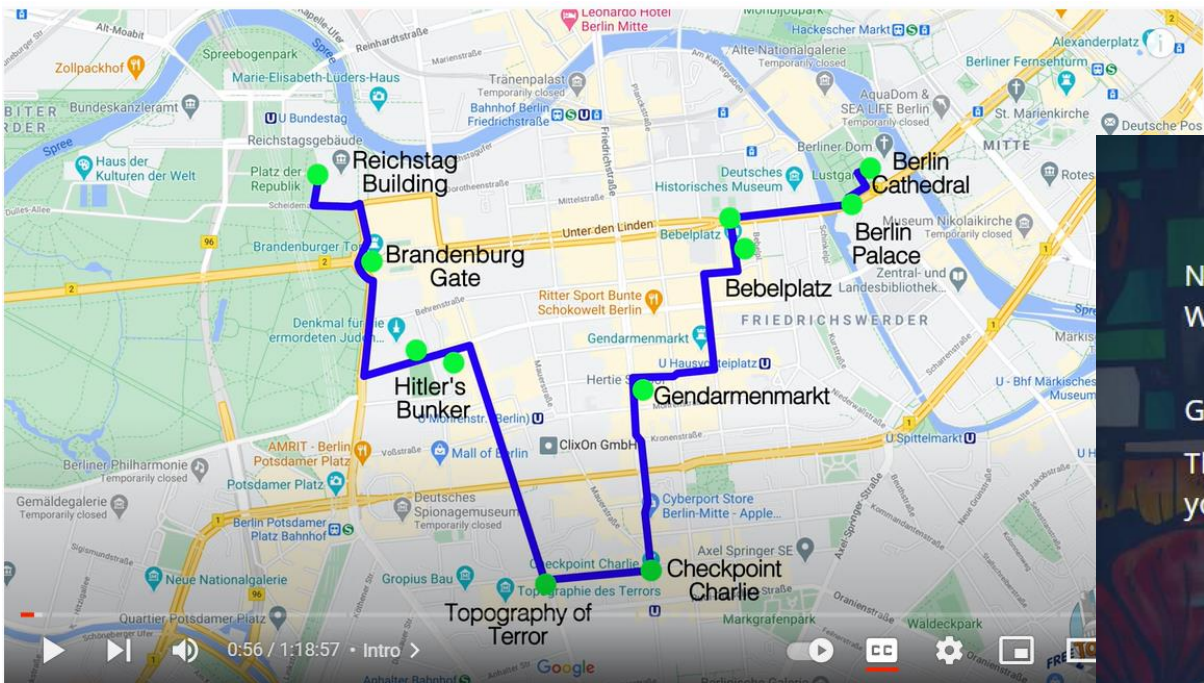
Start your adventure by clicking on one of the countries to explore now.



Nigeria



# Screenshots of other countries



BERLIN  
Berlin Walk | Berlin City Center Mitte Tour | (4K) Virtual 3D Audio + Historical Photos

### Program 3 – Street Art

Now, you're going to conduct your own walking tour along the Berlin Wall. You will get to see some various artworks along the way.

Go to this link here on Google Maps: **East Side Gallery**

This will take you to the starting point. Click on the arrows to move yourself along the Berlin Wall.

## Program 1 – Sea Turtles

Are you willing to get your hands dirty and do some hard work?

Assist in putting identification tags on the mother turtles.

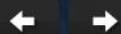
Unfortunately, you did not meet the requirements for this program. There is nothing to worry about because there are other programs that may better fit you! Go back and check them.

We:

Go back

Able to walk up to 8 hours a day/night in hot and humid weather.

Work approximately 40 hours a week (8 hours a day) with 1 day off.



## Program 3 – University Exchange

Here are two choices for classes this semester. Pick one

### Spanish Immersion

- Live with a host family;
- Learn about Costa Rica culture, history, and food;
- No Spanish is required

### Ecosystems Field Experience

- Live with a host family;
- Travel to three locations;
- No Spanish is required



## Program 2 - National Park

You have a last look in your bag. Did you remember everything?  
Whoops! Your bag has three items that you should not take.  
What are they?



dry bag

water bottle

sanitizing wipes

protein bar

plastic bag

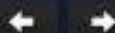
umbrella

insect repellent

hand sanitizer

dry box

hat



## Program 2 - National Park

As you continue in the cloud forest, can you spot some wildlife?  
Hover the mouse over the trees in the jungle!





# Moving to Canvas

Uploaded as a SCORM package and used as a page or ungraded assignment;

Testing and debugging (for broken/misleading links, buttons, triggers etc.)

Canvas limitations: small window size, unable to store interactivity data

Student complaint of losing progress (incognito browsing?)



# Challenges

- "Lessons" and not a game
- Incorporating more game elements
- Creating interactivity
- Differences in content from different writers
- Students can skim and not read/do



# Advice for Storyline

- Have a thorough understanding of Storyline, its functions, strengths and limitations;
- Decide on the graphics theme that matches the game idea and the learning audience;
- Keep daily updates and changes as separate project files;
- Check examples and tutorials on E-learning Heroes;
- Can be exported as HTML, SCORM (for LMS like Moodle, Canvas etc.)

# Student samples

Guten Tag, wie geht es Ihnen?

Hallo alle herzlich willkommen!

Hola mi amigos!



## Exploring the World Through Exchange

By

Guten Tag, wie geht es Ihnen? It's been a while since I came back from Berlin, but I am still very excited about everything there. I have always been obsessed with foreign cultures, so I joined a 3-week exchange programme organized by Exchange4U Berlin to explore more about the German culture. The trip was marvellous and enriching!

During the trip, I visited lots of cultural heritage site, such as Berlin Wall, Deutscher Dom, Berlin State Opera, Berliner Schloss and so on. We can see different architectural styles in different period, as well as traces of history and time. Memorial to the Murdered Jews of Europe (aka Holocaust Memorial) impressed me the most.



## Breaking the Stereotype: Germany Rocks!

What comes to your mind when you think of Germany? Its history? The people with almost no sense of humor? Or the famous sausages and beer? What about its street art? Yes, street art! Germany is a place full of amazing artwork. Especially its capital, Berlin, is an art museum itself. I only found it out when I studied there last year as an exchange student and joined the Street Art of Germany program.

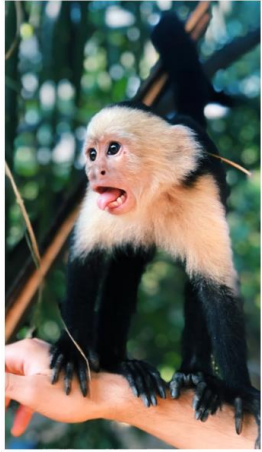
From the walls of buildings to the surface of staircases, you can see the masterpieces in various styles and each of them tells a different story. I'm not a proficient storyteller, so I'll simply let the artwork themselves speak for me instead.

This is the Kino Intimes, one of the operating few film houses in Berlin. It is almost a hundred years old!

From the photo, you can see the building is filled with paste-ups from both known and unknown artists, and





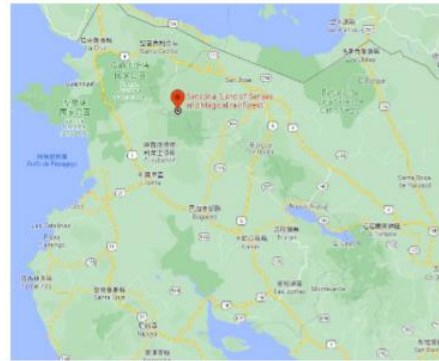


## BLOG -- THE ONLY TRAVEL BLOG YOU NEED

Hi, my name is [redacted] people who know me will probably agree that I'm obsessed with traveling and today I would like to render you with my love for traveling and share with you my latest trip to Costa Rica.

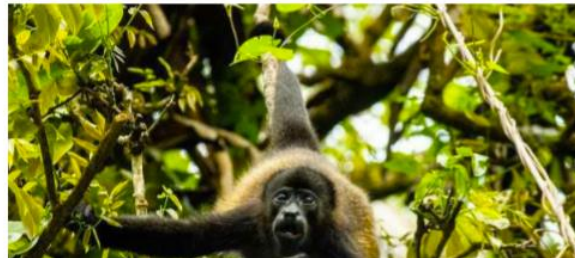
# STUDY ABROAD IN COSTA RICA

An Eye-opening Journey (10/3-21/4)



To describe this trip in one word, it will doubtlessly be "Impeccable." Living in a concrete jungle for 10+ years, I never had the chance to explore wildlife at such a distance. But on this trip, I am so thrilled and lucky to have chosen the right tourist hotspot – The Sensoria "Land of Senses and Magical rainforest"

During the highlight of my trip, I explored the forest and was constantly surprised by how magnificent nature is. Unlike the usual national park where there is a specific hiking route, tourists are allowed to explore the forest freely under the accompany of a trained guide. Along with my fantastic tour guide Joaquin who is a local with 22+ years of experience in tour guiding, I was endowed with the precious opportunity to explore



Another aspect I truly enjoyed was the cultural experience that the country provided. During my stay there my colleagues brought me out to eat the traditional food Jollof Rice and Suya. Jollof rice is similar to fried rice but uses tomatoes, onions, spices and fried rice. The other food I choose was the Suya which is a traditional kebab/skewer like barbequed meat in spices that are spicy and refreshing to eat. Below I have attached the pictures and my favourite recipes to follow for the dishes mentioned.

Picture 3 from: <https://food52.com/recipes/61557-classic-nigerian-jollof-rice>



### Classmates' responses

- The blog is quite intriguing! It makes me want to try the traditional food there.
- I would actually want to try out the cuisine you mentioned in the blog! I think you can also mention more about the natural scenery and habitat there.



## STUDYING IN THE NATURE - COSTA RICA

by [REDACTED]  
29th April, 2022

Are you a big fan of nature? If someone is asking me this question, I would 100% say YES and that's why I chose Costa Rica as my destination for the study abroad program.

For those of you who barely know Costa Rica, Costa Rica is a country located in Central America. It is a democratic and peaceful country that has not had an army since the year of 1948.

It is a petit country which covers only 0.03% of the surface of the globe, yet it proudly shelters an unneglectable 5% of the existing biodiversity in the entire world. Hence, 26% of the country is composed of conservation and natural protected territory.

As a lover of nature, I went to this place immediately for a cool and unique





# Feedback

From mid-term evaluation, which Blended Learning activities are the most useful?  
- electives were #4 (out of 8)

"Another important takeaway is to think out of the box. As someone who was born and raised in Hong Kong, an Asian-based community, I have always been educated in an "Asian" which expect us to learn solely from book and learn mainly by being spoon-fed. Imagine knowing how to get information of overseas learning when I was in high school, there would simply be talks I can attend and leaflets I can read. Yet in this course, I got a chance to explore overseas learning in the SDL elective through interactive games like I am playing a role-playing game. After this course, I would continue thinking out of the box and create things that are new and interesting.

In a nut shell, I would say that I will practice more on advancing my communicational skills and be braver to step out of my comfort zone."



CENTER FOR  
LANGUAGE  
EDUCATION  
語文教育中心

# Q&A

Suzan Stamper [icsstamper@ust.hk](mailto:icsstamper@ust.hk)

Mansurbek Kushnazarov [icmansur@ust.hk](mailto:icmansur@ust.hk)

Delian Gaskell [icdgaskell@ust.hk](mailto:icdgaskell@ust.hk)

