

# Reflections on developing an on-demand curriculum

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Nagasaki International University

- Thom Rawson
- John Owatari-Dorgan
- Tomoko Matsumoto
- Tomoko Koyama
- Brendan Van Deusen

# Overview

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- Purpose and goals of this project
- Background (school, students, classes, teachers)
- **UPDATED:** Curriculum planning (classes, courses, and scripts)
- **UPDATED:** Processes (multilingual slideshows, recording videos and screencasts, producing videos, etc)
- **UPDATED:** Results of the courses (examples, questionnaire responses, etc)
- **NEW:** Some analytical data from the courses.
- Discussion

# Purposes and goals for the project

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- To provide an on-demand curriculum for English listening and speaking classes.
  - Pre-recorded lectures
  - Pre-recorded explanations/how-to's
  - Autonomous assignments/activities
  - Added curriculum for reading and writing classes in spring of 2021.
- To make classes as interactive as possible in a pandemic stay-at-home environment.
  - Have automatically graded vocabulary, listening, and grammar assignments.
  - Have recorded speaking activities for students to showcase learning points.
  - Have practice vocabulary, extensive reading, and simple writing activities.
- To allow students to move at their own pace with restrictions.
  - Weekly attendance based on activities completed by certain deadlines.
  - On-demand videos which guide student activities interactively.
  - Supports learners at different levels.
- To free up teachers from the stress of live online classroom environments.
- (To continue research of developing MOOC courses for JSPS)

# School, students, classes, teachers

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- Small university in southwestern Japan with service industry majors.
  - International tourism
  - Social work
  - Health and nutrition
  - Pharmacology
- From low level to intermediate level students.
- Gen Ed. **Listening and Speaking** (English exercises B classes)
  - Textbook is English Firsthand series (Pearson Asia)
    - Access (basic), Success (standard), One (advanced)
  - Fall 2020, 9 of 14 classes participating.
  - **Spring 2021, 8 of 14 classes participating.**
  - **Fall 2021, 10 of 14 classes participating.**
  - 4 in-house teachers (two native, two Japanese), and 3 visiting lecturers (all native)
- Gen Ed. **Reading and Writing** (English exercises A classes)
  - Textbooks are WordEngine and Xreading access cards
    - 6-month online licenses
  - **Spring 2020, 1 of 14 classes (trial)**
  - **Fall 2021, 8 of 14 classes**

# Planning the curriculum (speaking and listening)

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- Total 15 Weekly Classes covering 6 textbook units divided into categories
  - Introduction (1 class)
  - Textbook unit part 1 (6 classes)
  - Textbook unit part 2 (5 classes)
  - Assessments (3 classes)
- Order
  - Class 1 Intro
  - Class 2 7th unit part 1
  - Class 3 7th unit part 2
  - Class 4 8th unit part 1
  - Class 5 8th unit part 2
  - Class 6 7th & 8th unit test
  - ...

# Planning the curriculum (reading and writing)

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- Total 15 Weekly Classes
  - Introduction (1 class)
  - Weekly activity classes (14 classes)
- Order
  - Class 1 Introduction
  - Class 2 weekly activities
  - Class 3 weekly activities
  - Class 4 weekly activities
  - ...
- The focus is on Extensive Reading;
  - Diversity comes from the different books the students choose to read.
- Weekly report format is the same, but writing topics are different from week to week

# Planning the curriculum (intro lessons - S&L)

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- Introduction lesson (one-time lesson)
  - Introduction video (video with H5P)
  - Syllabus and grading (~~video~~ → now a "Lesson" bilingual slideshow)
  - Course attendance (~~video~~ → now a "Lesson" bilingual slideshow)
  - Accessing Custom Moodle Mobile app (~~video~~ → now a "Lesson" bilingual slideshow)
  - Textbook requirements (~~video~~ → now a "Lesson" bilingual slideshow)
  - FlipGrid Speaking homework explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - FlipGrid Speaking activity (assignment through FlipGrid)

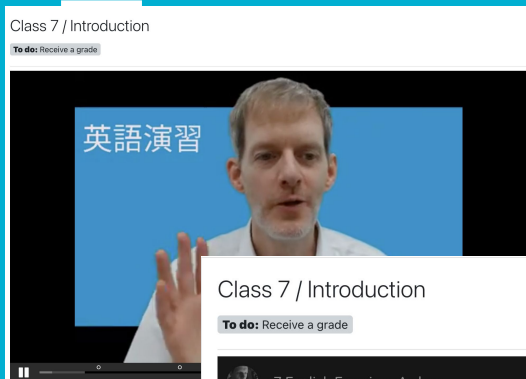
# What is an H5P interactive video?

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- The video is hosted in Youtube
- It has an H5P "wrapper" → allows for more control over the use.
- Questions are embedded in the wrapper.
- The video pauses so students can answer the questions.
- You can control the behavior based on responses.
  - If correct, proceed
  - If incorrect, rewind
- You can prevent "zooming ahead" in the video navigation.
- With Moodle completion tracking, you can require completion based on a score in the video (forces student engagement).



# What is an H5P interactive video?



Class 7 / Introduction

To do: Receive a grade

What did Thom do last weekend?

✓ Walked his 2 dogs.

Didn't enjoy the weather.

Worked like a dog.

Had a so-so time.

1/1

Continue

Class 7 / Introduction

To do: Receive a grade

c7 English Exercises A class

How do you get 100 points in WordEngine each week?

Hit the weekly goal.

Hit both daily and weekly goal.

Hit the daily goal.

Hit neither daily goal nor weekly goal.

Check

Class 7 / Introduction

To do: Receive a grade

c7 English Exercises A class

How do you get the words counted when you finish reading a book?

Just by doing nothing at all.

Just by reading the book.

Just by doing WordEngine.

✓ Just by passing the book quiz.

1/1

Continue

Class 7 / Introduction

To do: Receive a grade

c7 English Exercises A class

I can write my report in Japanese.

True

False ✓

You got 1 of 1 points

1/1



# Planning the curriculum (part 1 of a unit – S&L)

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- Regular classes part 1 (total of 6 lessons with repeating format)
  - Topic introduction and requirements for the week (video **with H5P**)
  - Vocabulary explanation (~~video~~ → **now a "Lesson" bilingual slideshow**)
  - Vocabulary activities (3) (MyMobileWorld)
  - Listening explanation (~~video~~ → **now a "Lesson" bilingual slideshow**)
  - Listening activities (2) (MyMobileWorld)
  - FlipGrid Speaking homework explanation (~~video~~ → **now a "Lesson" bilingual slideshow**)
  - FlipGrid Speaking MAIN activity (assignment using FlipGrid)

# Planning the curriculum (part 2 of a unit – S&L)

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- Regular classes part 2 (total of 5 lessons with a repeating format)
  - Topic introduction and requirements for the week (video with H5P)
  - Vocabulary review explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - Vocabulary review activity (1) (MyMobileWorld)
  - Language (grammar) explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - Language activities (2) (MyMobileWorld)
  - Real stories explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - Real stories activities (2) (MyMobileWorld)
  - FlipGrid Speaking homework explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - FlipGrid Speaking REPLY activity (assignment using FlipGrid)

\*Note last unit is compressed into 1 class due to limitations

# Planning the curriculum (unit tests – S&L)

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- Assessment lessons (total of 3 classes)
  - Topic introduction and requirements for the week (video with H5P)
  - Vocabulary review (2 units) explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - Vocabulary review activities (2) (MyMobileWorld)
  - Unit test explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - Unit test activity (a QLEARN quiz)
  - Unit test FlipGrid Speaking explanation (~~video~~ → now a "Lesson" bilingual slideshow)
  - Unit test FlipGrid Speaking MAIN activity (assignment using FlipGrid)

# Reading and writing curriculum (Introduction)

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- A series of "HowTo" slideshows followed by a question.
  - Weekly tasks ("Lesson" bilingual slideshow)
  - How course attendance works ("Lesson" bilingual slideshow)
  - How the syllabus and grading works ("Lesson" bilingual slideshow)
  - How to purchase the textbooks (WordEngine and Xreading) ("Lesson" bilingual slideshow)
  - How to use WordEngine ("Lesson" bilingual slideshow)
  - How to use Xreading ("Lesson" bilingual slideshow)
  - How to access the online teacher's room ("Lesson" bilingual slideshow)
- Students get a green "completed" mark when they finish each explanation.

# Reading and writing curriculum (Weekly class)

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- Topic introduction and requirements for the week (video with H5P)
- Weekly task lesson ("Lesson" bilingual slideshow)
- WordEngine lesson ("Lesson" bilingual slideshow)
- Xreading lesson ("Lesson" bilingual slideshow)
- Class activity report lesson ("Lesson" bilingual slideshow)
- Class activity report database entry - students add one entry each week
  - Report the number of CR in WordEngine
  - Report the number of words read in Xreading
  - Report the titles of any books they read
  - Choose one book and write a short report in English. (Answer 3 questions)
  - Self-evaluate their own effort (1~5 scale)

# Reading and writing curriculum (evaluation)

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- WordEngine weekly CR goals
  - Graded using Moodle offline grading worksheets
  - Goals are listed on the course page and referred to in the lessons
- Xreading weekly word goals (on the course page)
  - Graded using Moodle offline grading worksheets
  - Goals are listed on the course page and referred to in the lessons
- Class activity report
  - Graded using Moodle offline grading worksheets
  - The requirements are listed in the database activity

## Class 7 / Class Activity Report

Save and view



# Planning the curriculum (weekly)

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- Attendance
  - Measured using activity completion.
- Live support
  - BBB "Teacher's rooms" available during class hours.
  - "Help desk" approach to the course.
- FlipGrid
  - Integral to the "speaking" component in the S&L course.
- WordEngine/Xreading
  - Integral to the "reading" component in the R&W course.

# FlipGrid

- Simple interface
- Record a response
- Watch other responses
  - Reply/comment
- Login is just a password
- Each activity has a custom URL
- 10 activities planned
- Mobile app available

 Flipgrid

Code 8f8f93

Sep 1, 2020

**Class 2 Unit 7 Speaking Activity** 

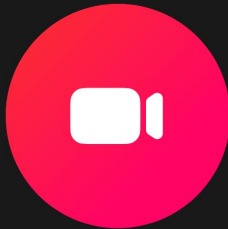
この動画撮影では、以下のルールを守ってください。

- 動画撮影時は英語のみを使用してください。日本語が入っている動画は0点になります。
- 動画では顔を出してください。
- まず、自分の名前を言ってください。 「Hello, my name is...」
- 動画の中で3つの質問をしてください。
- 今日勉強した語彙（教科書の60ページと61ページ）を使ってください。
- それぞれの質問に対して、「How often do you...?」を使用してください。
- ビデオの最後に「thank you for watching my video」と言いましょう。
- はっきりとした元気な声で話しましょう! 笑顔を忘れずに! 教員にやる気が伝わるとポイントがアップしますよ。

 Record a Response

**1 Response**

3 views · 0 comments · 0.0 hours of engagement




**Record a Response**



**Thom**

Self-introduction

# Writing lesson plans

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- Production needs
  - Discrete elements
  - Reusable elements
  - Clear labels / Colors
- Student needs
  - Simple language
  - Repetition
  - Short / Rewatchable

## v2 01 Reusable Interlude

Ok everybody. We are going to study vocabulary! Do you have your textbook ready?

## v2 02 Custom Slides U7 Vocabulary

Let's practice the vocabulary on page \_\_\_\_\_. Listen to the words, then repeat! TB audio  
Let's try again! Repeat out loud! Ready? TB audio

## v2 03 Reusable Interlude

Did you practice hard? Nice job everyone! It's time to practice some more online.

## v2 04 Custom Interlude

We're going to practice the vocabulary together! In MyMobileWorld, click on Unit 7 - I love weekends!

## v2 05 Reusable Slides MMW Vocabulary A1

Click on the "Vocabulary" tab. After that look for "Activity 1" underneath the words "Vocabulary Building." Click on "Activity 1."

Page through the flashcards using the arrows. Click on each word to hear it. To see the Japanese for these words, click on the card to flip it over. Make sure to view ALL of the cards. Practice all the words for 10 minutes. If you finish early, go back and do them again.

## v2 06 Reusable Interlude

Let's study the vocabulary flashcards! Pause this video! Come back in 10 minutes!

## v2 07 Reusable Slides Pause 10 min

(pause the video, study for 10 minutes, and come back!)

## v2 08 Reusable Interlude

Welcome back! Did you practice the vocabulary a lot? Do you remember the words? Nice job!

# Organization

- Structure

- Reflect output
- Self contained
- Naming convention
- Minimal editing

Name	Date modified	Type
00 Intro	8/21/2020 10:07 AM	File folder
00 Lessons	9/3/2020 10:50 AM	File folder
00 Slideshows	8/26/2020 4:14 PM	File folder
07a	8/17/2020 3:34 PM	File folder
07b	8/17/2020 3:34 PM	File folder
08a	8/17/2020 4:42 PM	File folder
08b	8/17/2020 4:42 PM	File folder
09a	8/17/2020 4:42 PM	File folder
09b	8/17/2020 4:42 PM	File folder
10a	8/17/2020 4:43 PM	File folder
10b	8/17/2020 4:43 PM	File folder
11a	8/17/2020 4:43 PM	File folder
11b	8/17/2020 4:43 PM	File folder
12a	8/17/2020 4:43 PM	File folder
12b	8/17/2020 4:43 PM	File folder
0708 Test	8/21/2020 10:07 AM	File folder
0910 Test	8/21/2020 10:08 AM	File folder
1112 Test	8/21/2020 10:08 AM	File folder
Important Screenshots	8/24/2020 1:49 PM	File folder
Important Screenshots Edited	8/24/2020 12:09 PM	File folder
Premier Project Files	8/31/2020 12:58 PM	File folder

Name	Date modified	Type
v1 Introduction	8/17/2020 4:39 PM	File folder
v2 Vocabulary	8/17/2020 4:40 PM	File folder
v3 Listening	8/17/2020 4:40 PM	File folder
v4 FlipGrid HW	8/17/2020 4:40 PM	File folder



# Multilingual slideshows

07a v1 02 ALL EFA Custom Slides U7 Overview

07a v1 04 ALL Reusable Slides Weekly Task List

07a v1 06 ALL EFA Custom Slides Remember Textbook Requirement

07a v1 08 ALL EFA Custom Slides MMW Access Code HowTo

07a v1 10 ALL Reusable Slides Online Classroom Hours

07a v2 02 ALL EFA Custom Vocabulary Building

07a v2 05 ALL Reusable Slides MMW Vocabulary A1

07a v2 07 ALL Reusable Slides Pause 10 min

07a v2 10 ALL Reusable Slides MMW Vocabulary A2

07a v2 12 ALL Reusable Slides Pause 10 min

07a v2 15 ALL Reusable Slides MMW Vocabulary A3

07a v3 06 ALL Reusable Slides Pause 15 min

07a v4 04 ALL Reusable Slides FlipGrid speaking activity explained

07b v1 02 ALL EFA Custom Slides U7 Overview

07b v1 04 ALL Reusable Slides Weekly Task List

07b v3 02 ALL EFA Custom Slides U7 Grammar Words

MyModuleFront Vocabulary

Vocabulary Activity 1

07a v2 05 ALL Reusable Slides MMW Vocabulary A1

07a v2 07 ALL Reusable Slides Pause 10 min

07a v2 10 ALL Reusable Slides MMW Vocabulary A2

07a v2 12 ALL Reusable Slides Pause 10 min

07a v2 15 ALL Reusable Slides MMW Vocabulary A3

07a v3 06 ALL Reusable Slides Pause 15 min

07a v4 04 ALL Reusable Slides FlipGrid speaking activity explained

07b v1 02 ALL EFA Custom Slides U7 Overview

07b v1 04 ALL Reusable Slides Weekly Task List

07b v3 02 ALL EFA Custom Slides U7 Grammar Words

Vocabulary Activity 1 / 語彙

Activity 1

Study the English words. To find the translation, use [CLICK TO FLIP]. Move to the next card. Use the arrow buttons.

Flashcards

PROGRESS 1/27

listen to music

Click card to see term

Play

Shuffle

Options

View next card

Quizlet View this study set

Choose a Study Mode

Page through the flashcards using the arrows.

矢印を使ってフラッシュカードのページをめくります。

# Recording video clips

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- Screen capture
  - Quicktime
  - High-end audio equipment
  - Rename → Directly to google drive



- Camera
  - iPad camera
  - Simple backdrop
  - Natural lighting
  - Airdrop → Rename → Google drive



# Course templates

## 第〇〇回目の授業・〇〇〇〇年〇〇月〇〇日・Unit 〇〇

 第〇〇回目の授業・はじめに

 第〇〇回目の授業・語彙の復習

**利用制限** 次の条件に合致しない限り利用できません: 活動「**第〇〇回目の授業・はじめに**」が完了マークされた場合

 第〇〇回目の授業・「Language check」文法

**利用制限** 次の条件に合致しない限り利用できません: 活動「**第〇〇回目の授業・語彙の復習**」が完了マークされた場合

 第〇〇回目の授業・「Real stories」実話に基づいた話

**利用制限** 次の条件に合致しない限り利用できません: 活動「**第〇〇回目の授業・「Language check」文法**」が完了マークされた場合

 第〇〇回目の授業・FlipGridの宿題説明

**利用制限** 次の条件に合致しない限り利用できません: 活動「**第〇〇回目の授業・「Real stories」実話に基づいた話**」が完了マークされた場合

 第〇〇回目の授業・FlipGridビデオアクティビティ

**利用制限** 次の条件に合致しない限り利用できません: 活動「**第〇〇回目の授業・FlipGridの宿題説明**」が完了マークされた場合

 第〇〇回目の授業・〇〇〇〇年〇〇月〇〇日・先生の部屋

**利用制限** 次の条件に合致しない限り利用できません: 活動「**第〇〇回目の授業・はじめに**」が完了マークされた場合

## 第〇〇回目の授業・〇〇〇〇年〇〇月〇〇日・Unit 〇〇

 第〇〇回目の授業・はじめに



 第〇〇回目の授業・語彙



 第〇〇回目の授業・リスニング



 第〇〇回目の授業・FlipGridの宿題説明



 第〇〇回目の授業・FlipGridビデオアクティビティ

 第〇〇回目の授業・〇〇〇〇年〇〇月〇〇日・先生の部屋

# Share screen demo

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# Video production

- Early stages
- Minimal editing
- Process
  - Import whole folder
  - Sort by name
  - Drag clips to timeline
  - Editing
    - Title card
    - Full frame
    - Adjust audio
    - Transitions
    - Check
  - Export to .mp4



# Results and observations

# Summary (good points)

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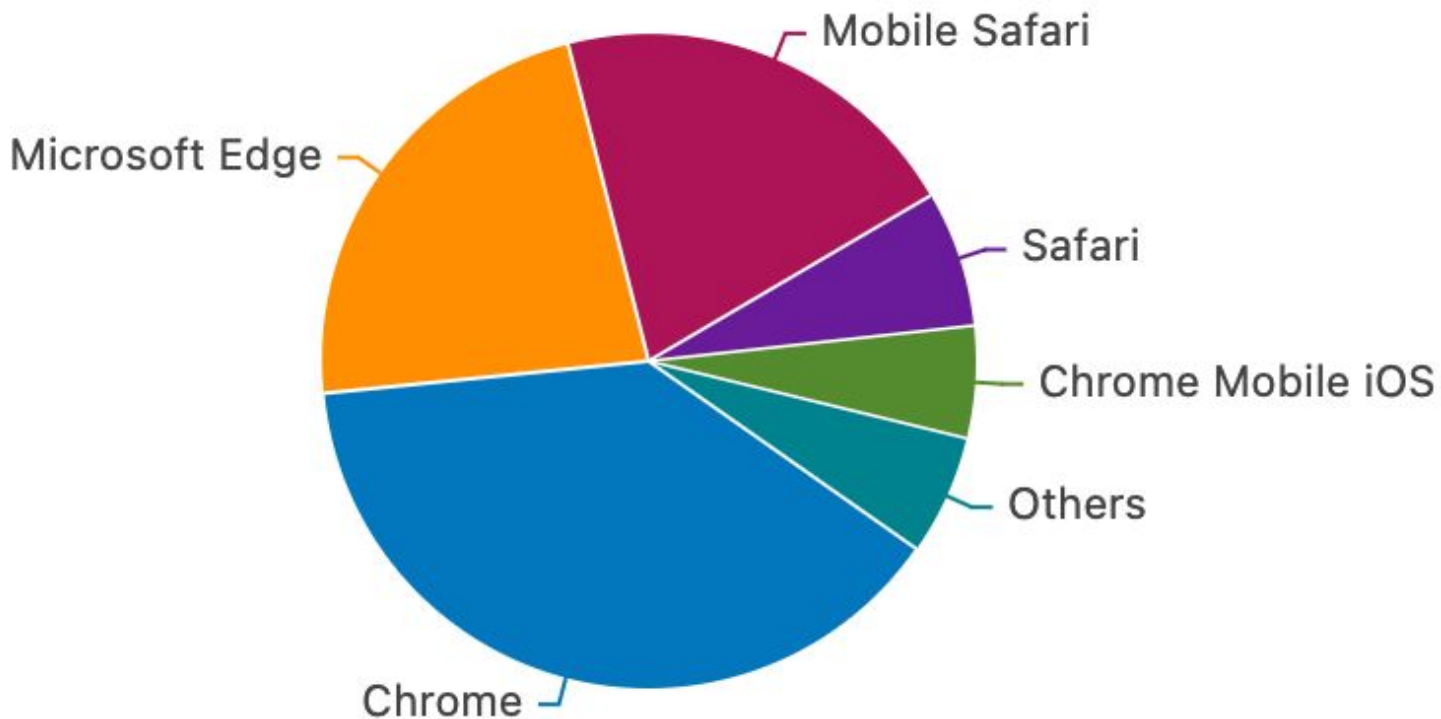
- Reusable bits make things faster as more content is developed.
- Helps standardize the way listening and speaking is being taught across classes and teachers.
- Since the curriculum is standardized, anyone can help anyone when an issue comes up.
- Speaking activities more actively engage the students in situations where they mightn't otherwise speak.
- Entire course will be reusable in semesters to come.
- Course can be continued face-2-face should the mandate be handed down.

# Summary (bad points)

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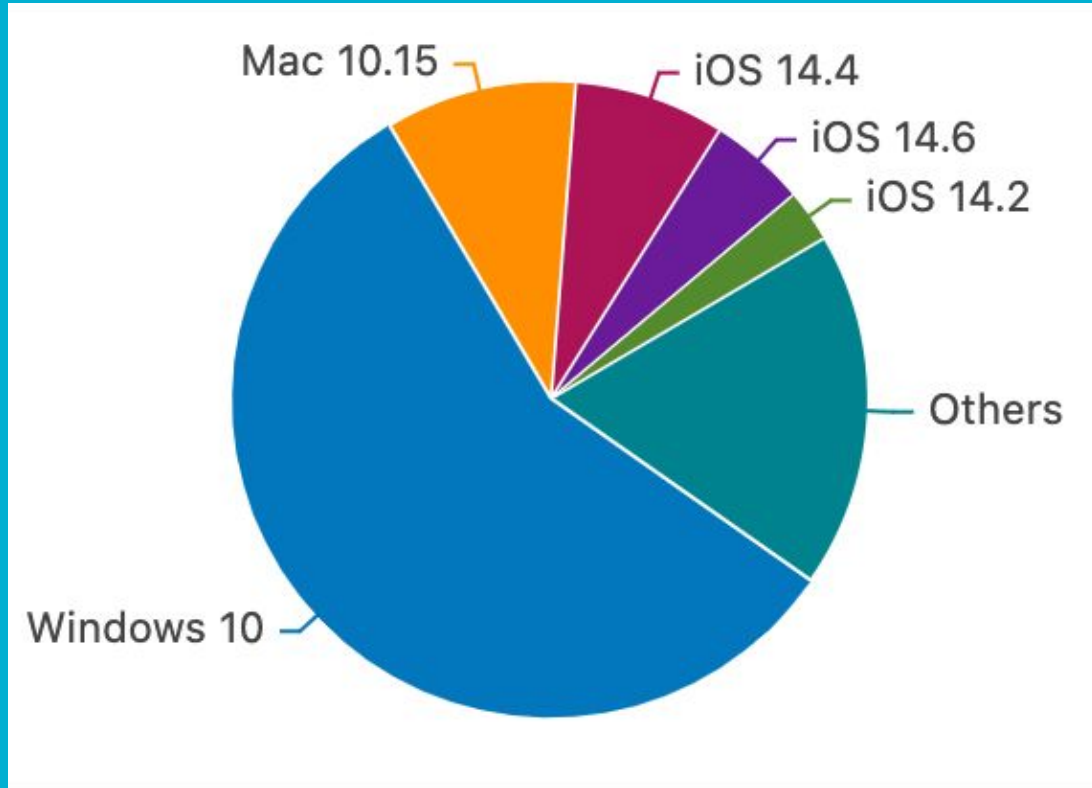
- Huge project, not for the faint of heart (the downside?).
- Front loads all the work of the entire semester into a short period of time.
- What if students don't like it? (we'll find out)

# Browser popularity (Sep 2020 to present)



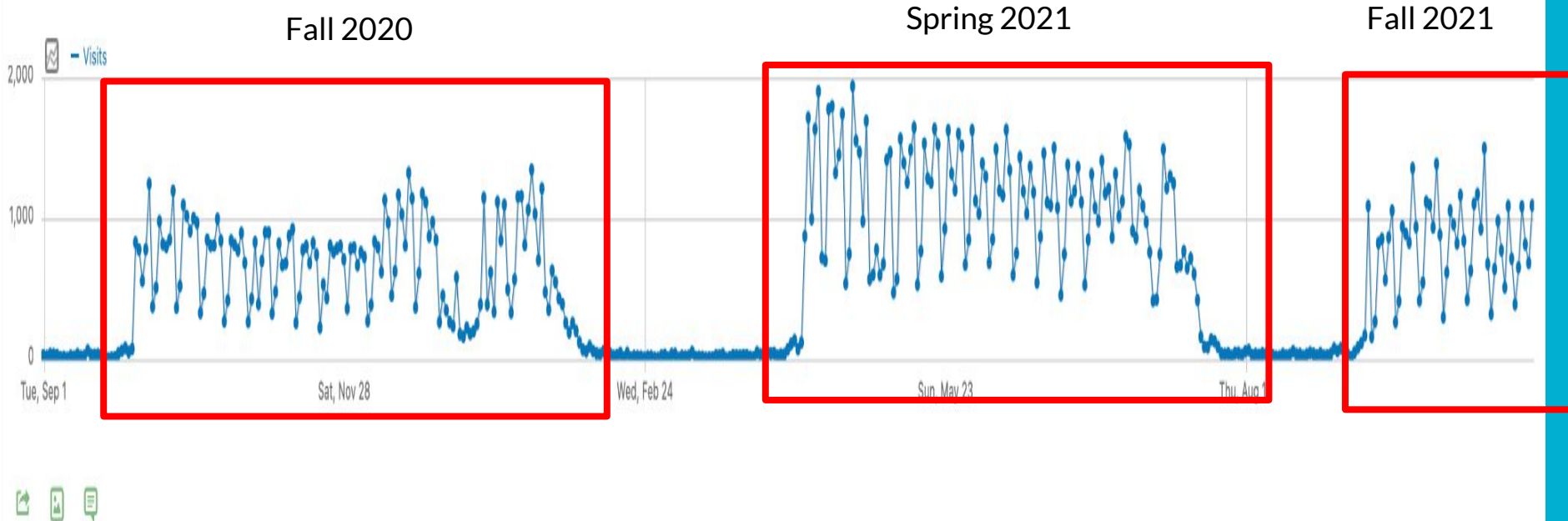
# OS popularity (Sep 2020 to present)

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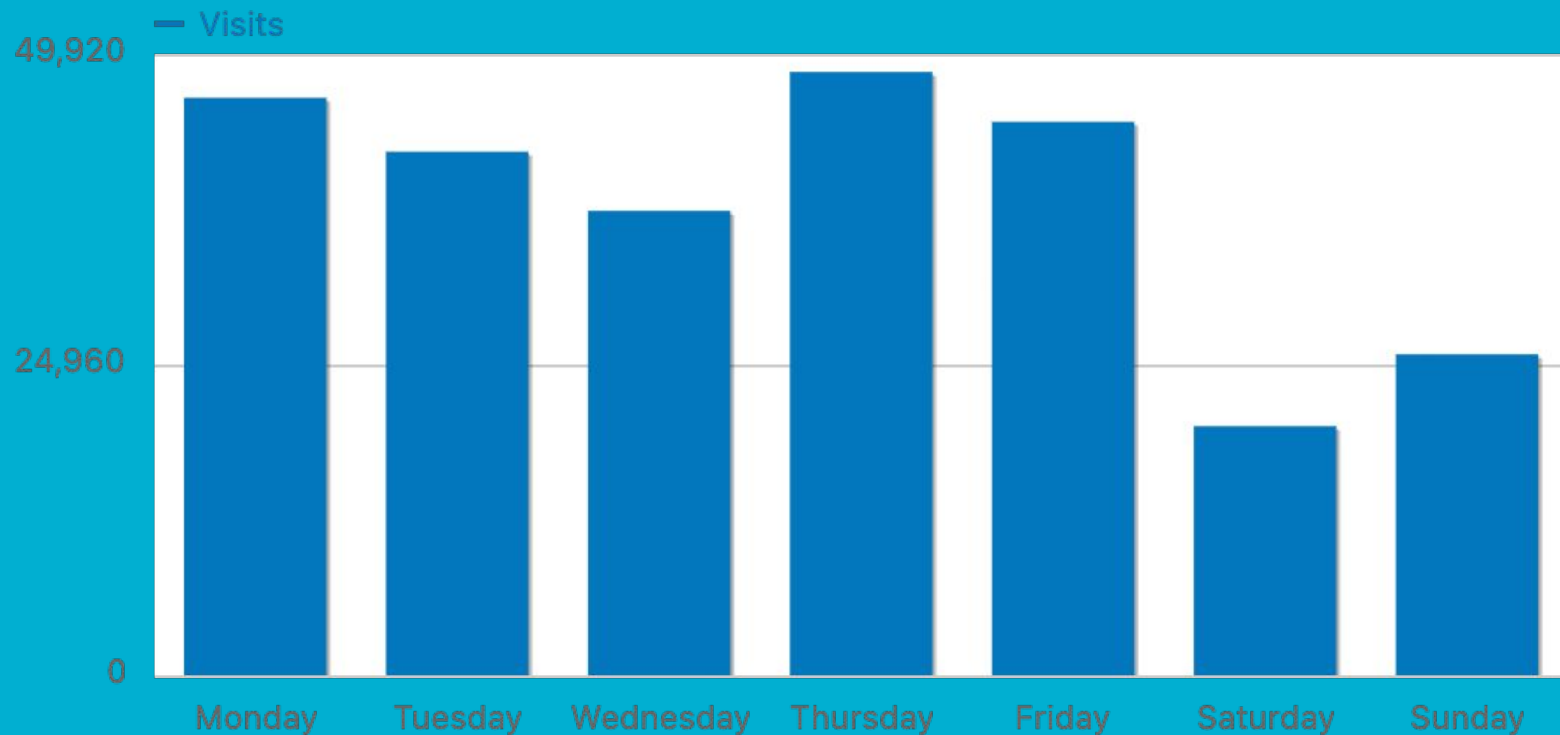


# Visits over time (Sep 2020 to present)

Visits Over Time



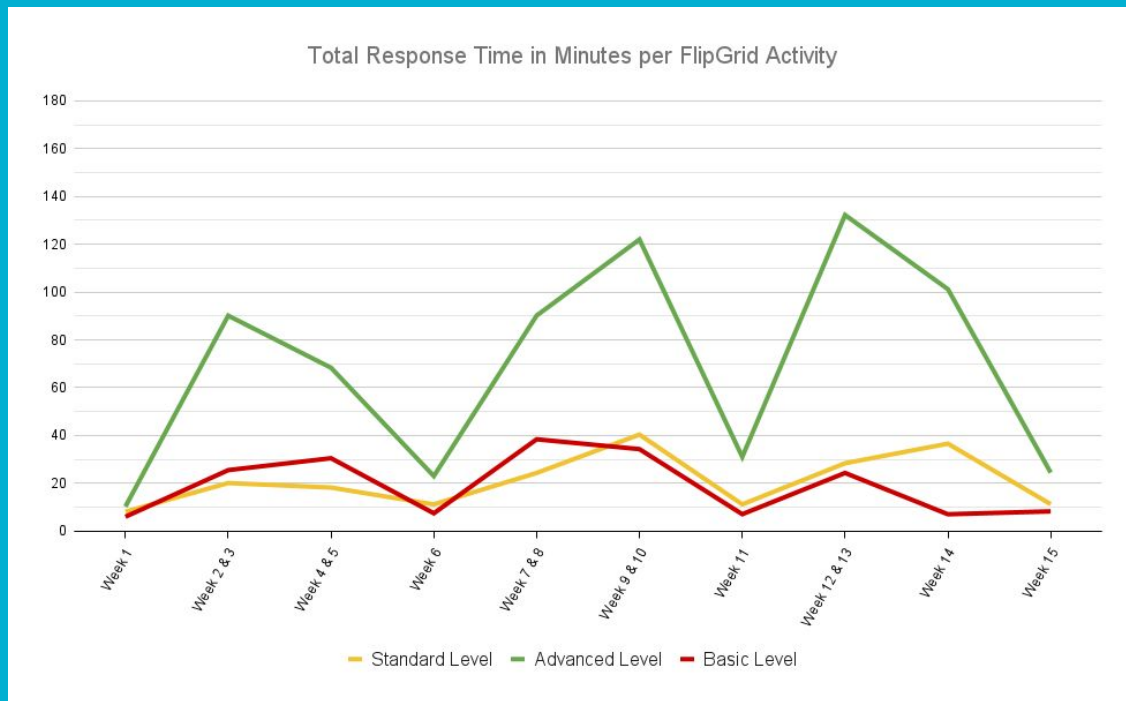
# Unique visits by day (Sep 2020 to present)





# FlipGrid Results

- Sharp drops
  - Tests
- Advanced level
  - Consistent
  - High output
- Standard level / basic level
  - Ramp up
  - Similar output
- Comparison
  - Consistent speaking
  - Required / monitored
  - Opportunity



# Course usage - Advanced

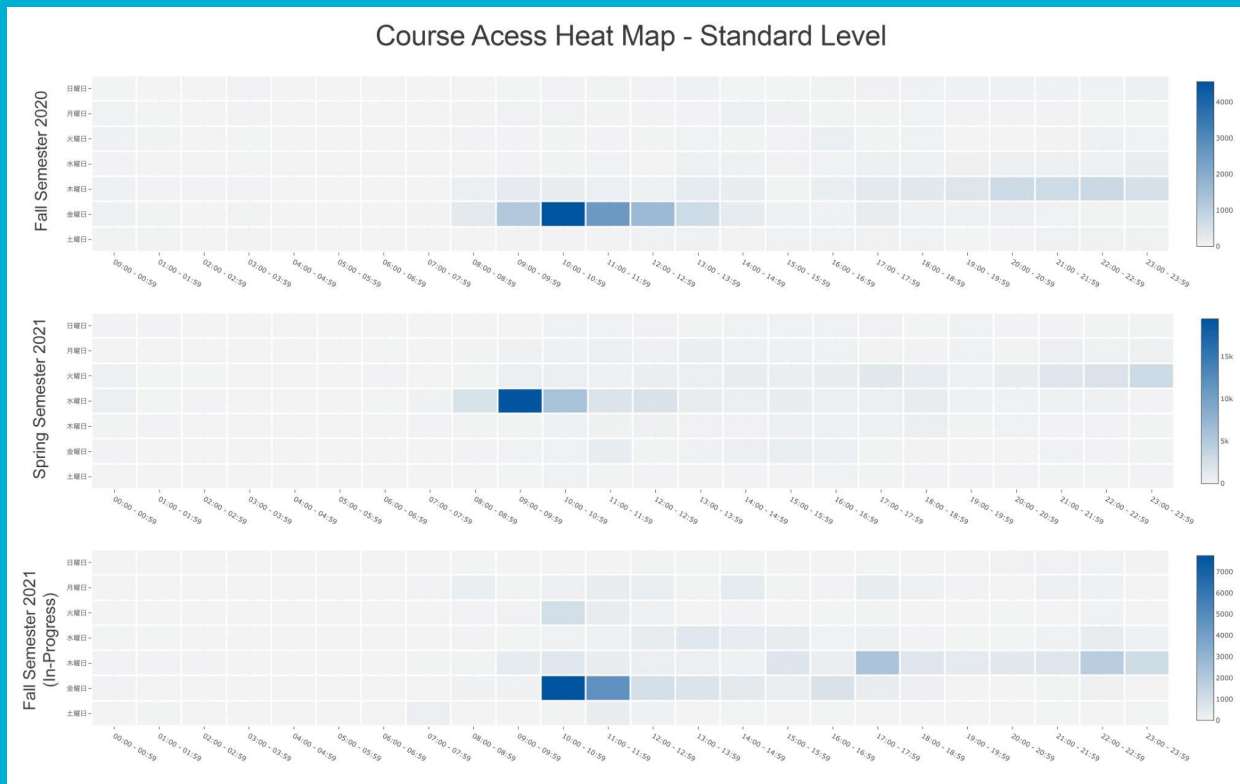
- Class-time
- Increased visits in Spring

Course Access Heat Map - Advanced Level



# Course usage – Standard

- Class-time
- Night before class
- More dispersed
- Increased visits in Spring



# Course usage - Basic

- Similar to standard
- Even more dispersed
- Increased visits in Spring
- Fewer overall visits

Course Access Heat Map - Basic Level



# Tomoko M's students – Fall 2020

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- English Exercises IIB (International tourism, Advanced)
- 35/43 students (81.4%) answered questionnaire
- Q12. Did you understand the class content?

5 (yes)	4	3	2	1 (no)	Average
23	9	3	0	0	4.6

- Q13. Were you satisfied with the class?

5 (yes)	4	3	2	1 (no)	Average
17	11	5	2	0	4.2

# Tomoko M's students – Fall 2020

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## Comments from the students

- 21/22 comments → good points
  - 1 comment → “I wanted a face-to-face class.”
- 10 comments → FlipGrid Speaking activity
  - Fun to communicate with other students
  - Useful to improve spoken English and pronunciation
- other comments
  - Assignments were easy to understand
  - Both English and Japanese subtitles were useful
  - They could see teacher’s face on the video and ask questions using BBB “Teacher’s rooms” → relieved

# Tomoko K's Students – Fall 2020

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- English Exercises IIB (Pharmacology, Advanced)
- 25/33 students (75.8%) answered questionnaire
- Q12. Did you understand the class content?

5 (yes)	4	3	2	1 (no)	Average
12	12	1	0	0	4.4

- Q13. Were you satisfied with the class?

5 (yes)	4	3	2	1 (no)	Average
11	12	2	0	0	4.4

# Tomoko K's Students - Fall 2020

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## Comments from my students

- “The class progressed at a good pace. I could keep up with it.”
- “The class content and videos were well-organized, easy to understand, and interesting.”
- “At first, Flipgrid speaking activity was very hard. But once I got used to it, it became really fun.”
- “I was satisfied that I could practice speaking a lot.”



# Tomoko K's Students - Spring 2021

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- English Exercises IB (Pharmacology, Advanced)
- 25/36 students (69.4%) answered questionnaire
- Q12. Did you understand the class content?

5 (yes)	4	3	2	1 (no)	Average
21	4	0	0	0	4.8

- Q13. Were you satisfied with the class?

5 (yes)	4	3	2	1 (no)	Average
19	6	0	0	0	4.8

# Tomoko K's Students – Spring 2021

## Comments from my students

- FlipGrid Video Activity

“FlipGrid is a good tool. Although it was an online class, I could see (and remember) my classmates’ faces and communicate with them.”

“Taking videos every week was hard for me, but it was also a good opportunity to practice speaking English.”

- Negative comments

“I wanted to talk with my teacher and classmates face-to-face.”

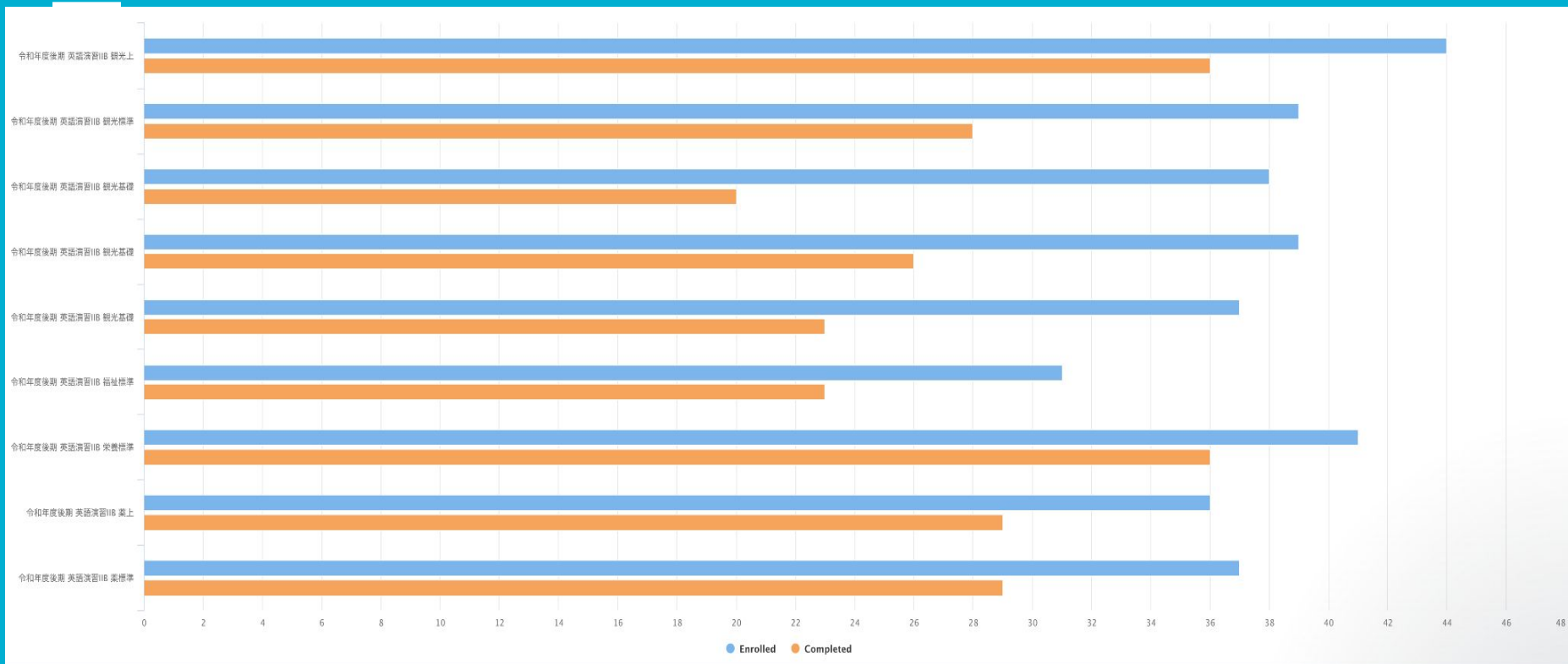
“I couldn’t get full mark because I entered an apostrophe in full-width character (not in half-width). It was troublesome to fix such tiny mistakes.”

# Pat's Students

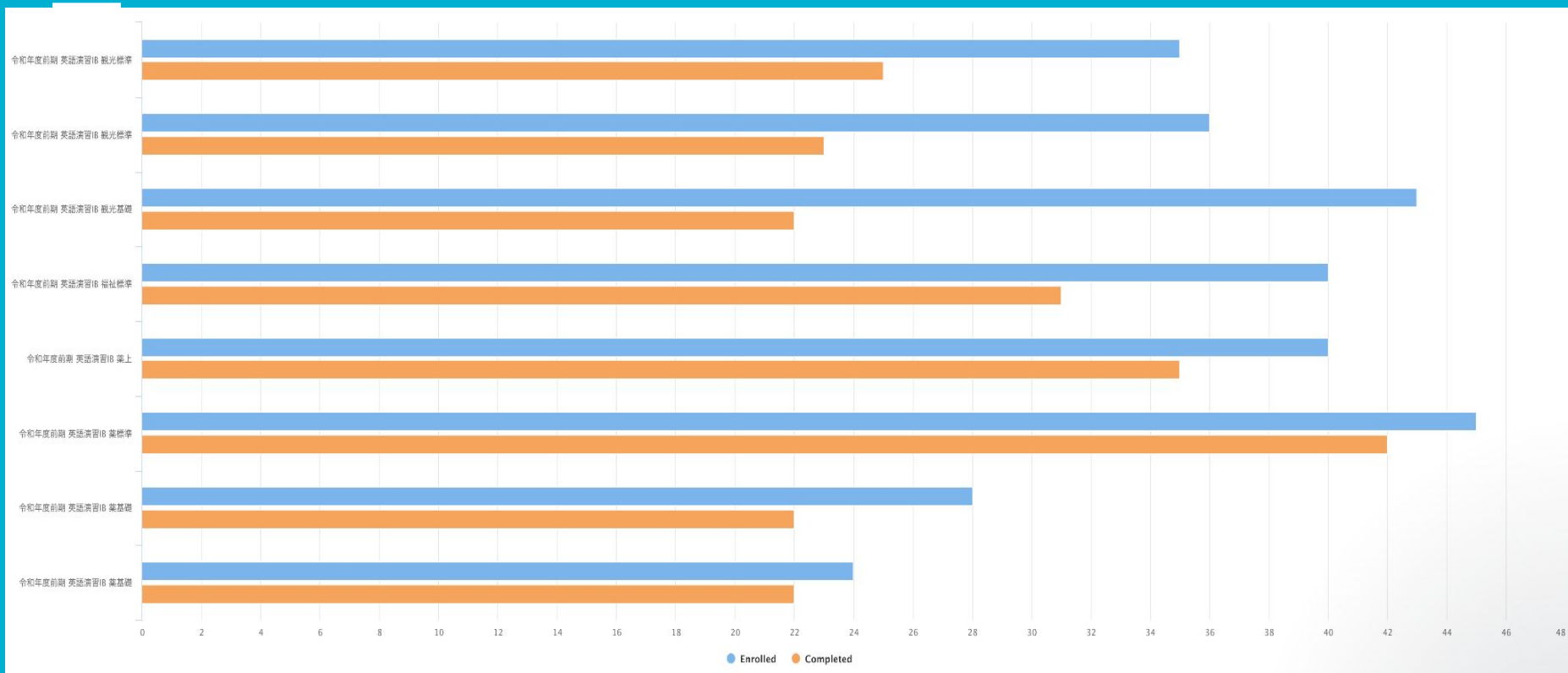
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- "The class content and tests were easy to understand and very good."
- "I think there are a lot of people who are not good at submitting assignments via video, so I wish you would have sent the assignments to the teacher personally..."
- "It is very difficult to use QLEARN. I would like to see it improved or changed to a form of assignment submission on Manaba."
- "I like the fact that I can use Flipgrid to have discussions with other students."

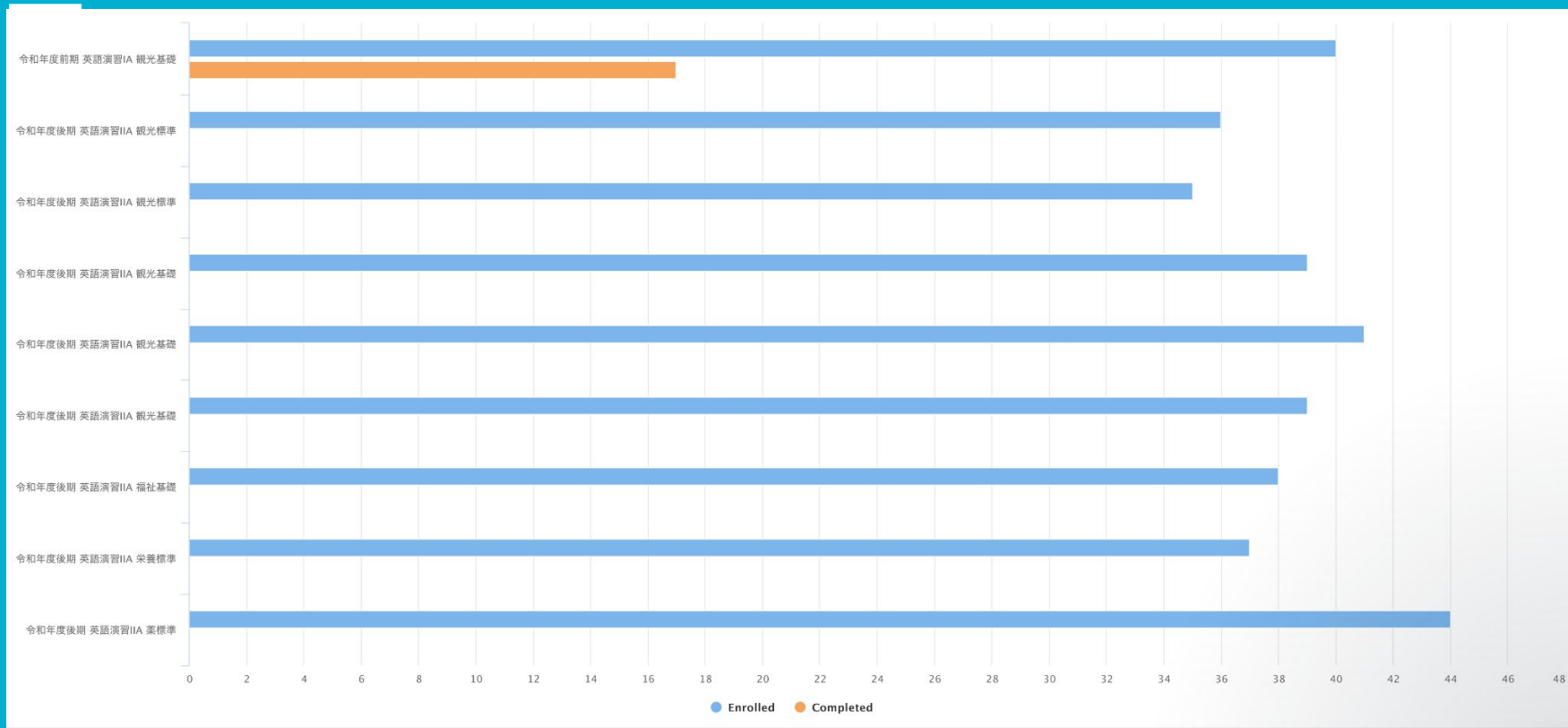
# Fall 2020 S&L Enrolments vs. Completion



# Spring 2021 S&L Enrolments vs. Completion



# Spring/Fall 2021 R&W Enrolments vs. Complete



# Discussion

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Thank you!

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# Reflections on developing an on-demand curriculum

Nagasaki International University

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