



JALT2022

The METI EdTech Project

Observation of a Learner's 'Engagement' and 'Motivation'

METI & EdTech

What is the METI EdTech project?



METI

Ministry of Economy, Trade and Industry

Computers for all students in compulsory education

A Learning Program to achieve Future Classrooms designed for proactive learning



- Necessary or important part of people's daily lives, including in schools
- Educational Softwares for better utilisation
- more engaged to learn or improve the level of education

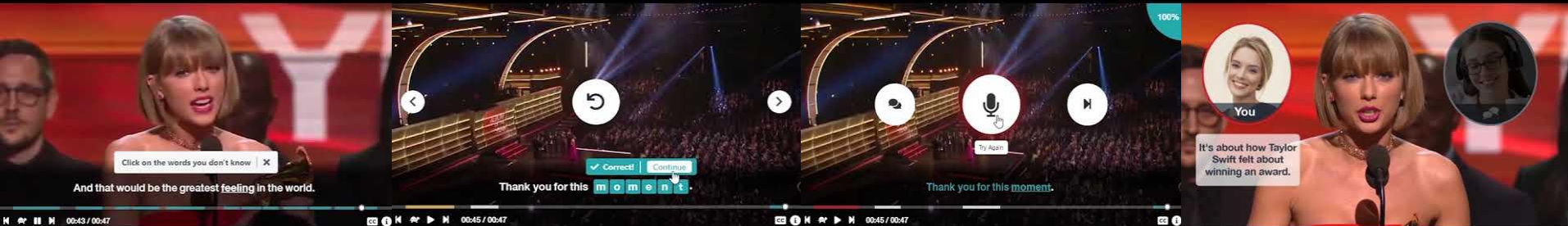
EnglishCentral

What is EnglishCentral?

EnglishCentral 

EnglishCentral 

- Interactive online learning tool
- English language conversation platform
- Listening, Vocabulary and Speaking practice
- Video-based (15,000 videos) language learning experiences - self-study & one-on-one tutoring

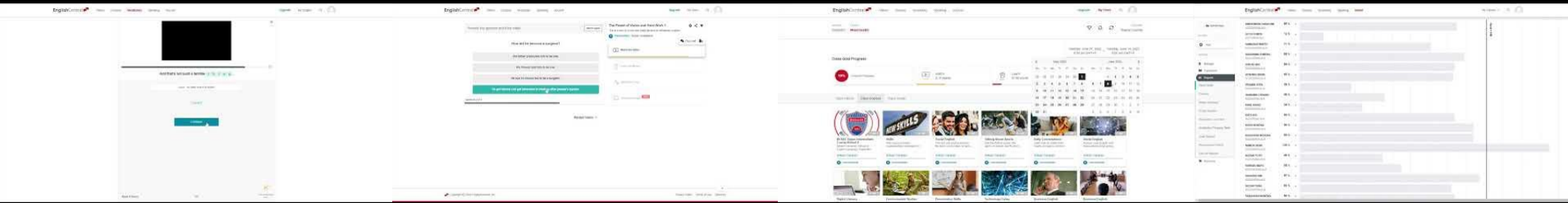


WATCH

LEARN

SPEAK

GOLIVE



QUIZ

Comprehensive Questions

MY CLASS

REPORTS

- proprietary [IntelliSpeechSM](#) assessment technology
- pre-built course modules guarantee results for English as a Second Language (ESL) learners

The Project

Condition of the Statistics

- 11 schools
 - Junior and High-School students
 - 1,414 students answered the questionnaires
 - Used EnglishCentral for more than 1 hour per week
 - 8 months - August 2021 to March 2022



- 1 English class a day or Once a week for 1 hour or more in the class
- Also set as a homework
- Took the questionnaires before and after using EnglishCentral
- Students study Movie and Online Lesson



Questionnaire for Students & Teachers

STUDENTS

- **Do you like English?**
 - 53.5% are not interested
 - Difficult to understand and not interesting or fun enough
 - **Motivation**
- **Are you interested in the content of the English classes at your school?**
 - 36.2% are interested
 - **A tool that they'll take interest in with step-by-step learning process**
- **Do you have opportunities to speak English outside of school?**
 - 76.7% think that they do not have a lot of opportunities
 - **No opportunity to speak English**



TEACHERS

- **Individualized and optimized learning**
 - Provide learning opportunities for each English level
 - Each student to develop their own learning starting from what is covered in the textbook and in class
- **Improve the motivation of English**
 - To like English and develop a habit of self-study
 - To realize the joy of speaking and use it in the future
- **Reducing workload**
 - Provide efficient lessons linked to classes and textbooks

Comments and Impressions of Students and Teachers

STUDENTS

【Motivation】

- doesn't have to be perfect, enough to convey the message
- Scared at first, but the teacher was kind and made it fun -> looking forward to the next class

【Step-by-step, effective learning】

- Somewhat understand listening to English on TV

【Raise interest 】

- Enjoy choosing own videos

【The opportunity to speak】

- Videos for pronunciation practice, feel less speaking to the PC



TEACHERS

【Class content to individually optimized learning】

- Learn not only the textbook, but also to develop it

【Improvement in motivation to learn】

- Earn points as you progress in your studies + compete in rankings
- Learning in the gaps without compulsion, watching EnglishCentral instead of YouTube.

【Reduce workload】

- Reduce the burden on teachers

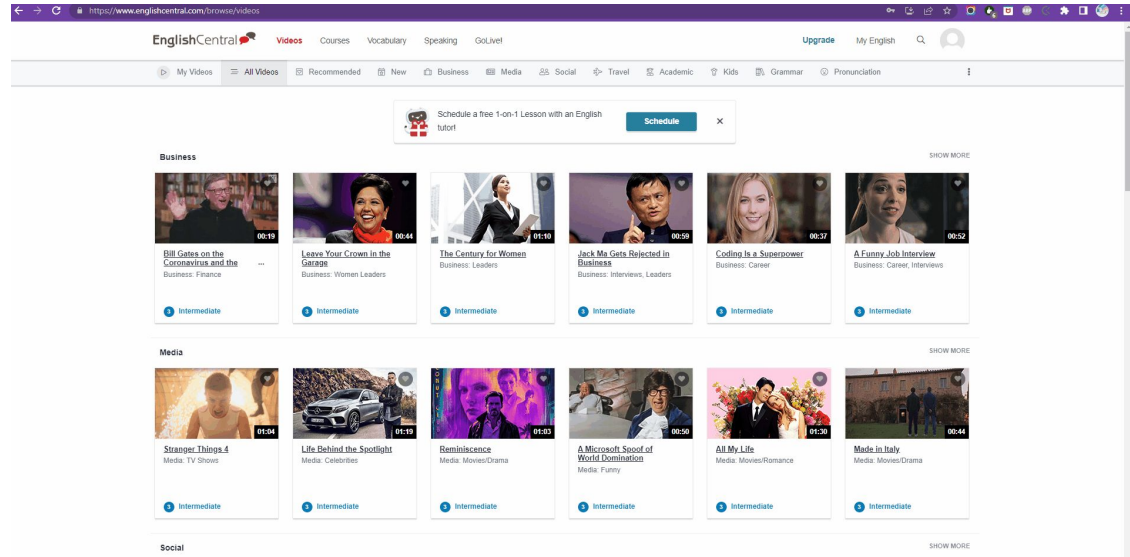
【Others】

- Communication will be created with students

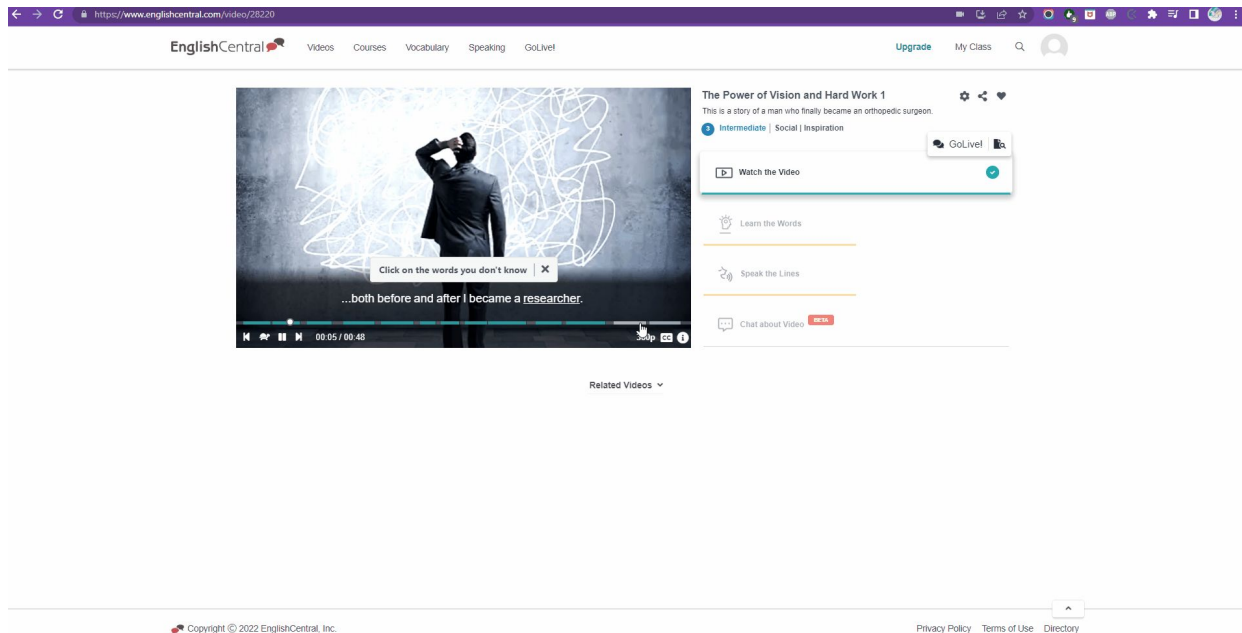
Analysis and Discussion of the effects of using an EdTech tool - EnglishCentral

Provide opportunities through video to make learning English easier

- 61% - study English by videos
- Given them the motivation to love and become familiar with English



Step-by-step learning



The screenshot displays the EnglishCentral website interface. At the top, the navigation bar includes 'Videos', 'Courses', 'Vocabulary', 'Speaking', and 'GoLive!'. The main content area features a video player on the left with a man looking at a glowing brain diagram. A subtitle reads: "...both before and after I became a researcher." To the right of the video player, there is a sidebar with the title 'The Power of Vision and Hard Work 1' and a description: 'This is a story of a man who finally became an orthopedic surgeon.' Below the title, there are several interactive buttons: 'Watch the Video', 'Learn the Words', 'Speak the Lines', and 'Chat about Video'. The bottom of the page shows the copyright notice 'Copyright © 2022 EnglishCentral, Inc.' and links for 'Privacy Policy', 'Terms of Use', and 'Directory'.

86.7% of students felt it helped them to speak better.

Video study and speaking output at the end

Providing detailed leveled learning to achieve optimized learning

91.4% of students were able to use EnglishCentral to learn English at their own level.

Select your study level

1

2

3

4

5

6

7

Beginner

Level 1

Test scores associated with this level

IELTS

<2

TOEFL

0

TOEFL_IBT

<37

TOEIC

10 - 180

CEFR

A0

At this level, you will learn to

☐ Say the letters of the alphabet

☐ Spell out one's name and address

☐ Tell the time

☐ Ask about hobbies and interests

☐ Talk about food

☐ Introduce yourself

☐ Give the price of something

☐ Talk about your home

☐ Describe everyday objects

☐ Talk about family and friends

Feel good about English and improve their motivation

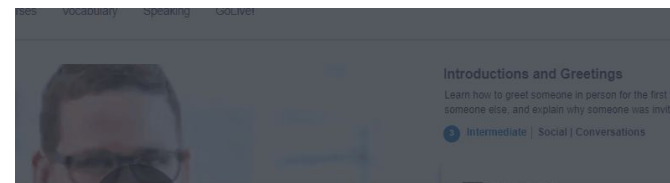
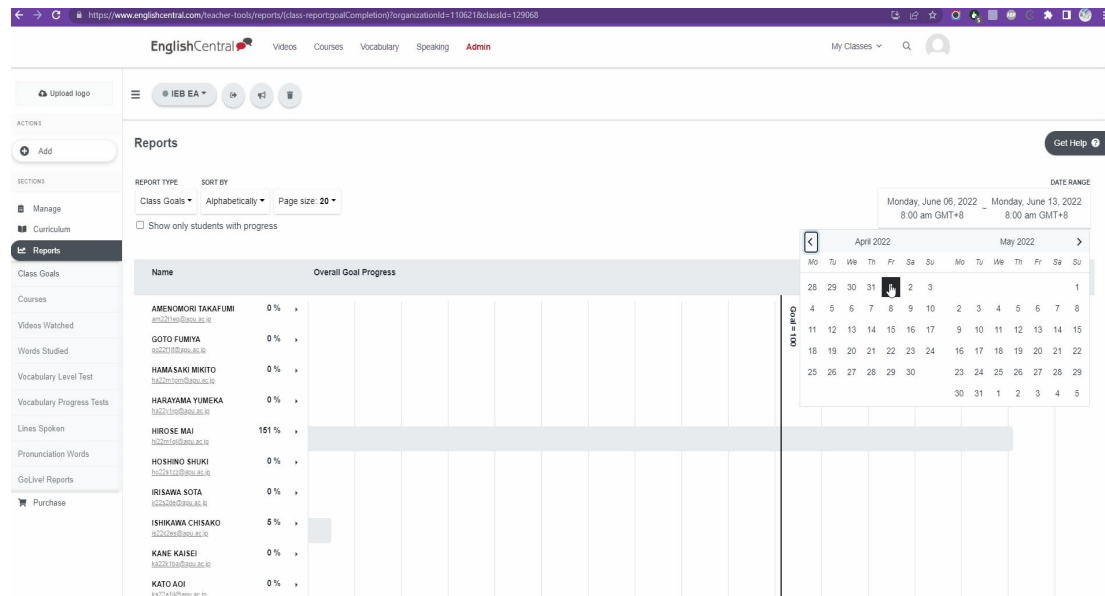


85.2% of students feel they are good at English and their “listening” improved.



Reducing workload by simplifying the tool

- Easy to assign the videos
- Use of video study texts instead of creating teaching materials
- Easily manage detailed student progress



Lesson Plan



Introductions and Greetings

Learn how to greet someone in person for the first time, introduce someone else, and explain why someone was invited.

Intermediate | Social | Conversations | 76 words

1 | Video transcript

2 | Vocabulary

3 | Comprehension Questions

4 | Discussion Questions

5 | Additional Materials

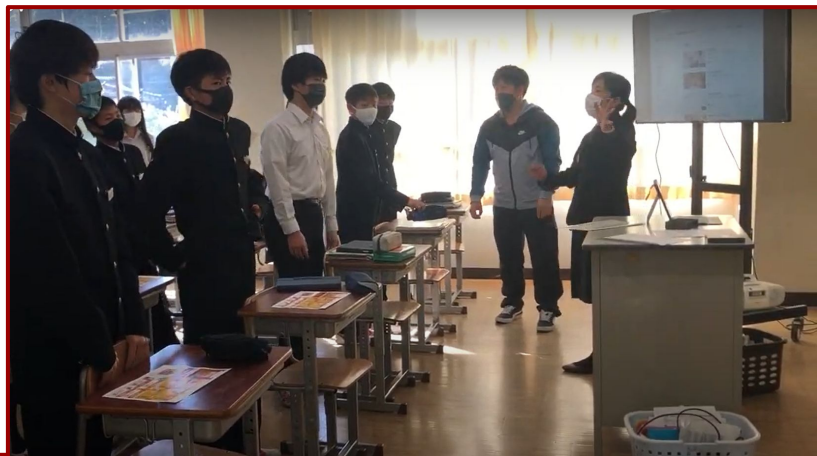
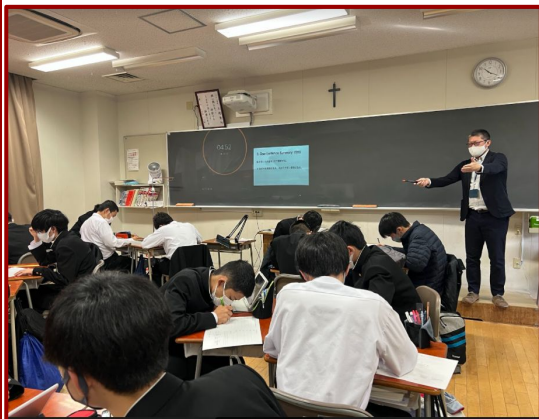
Analysis of the Factors

- Extensive videos - all levels of interest
- Appropriate assessment
- Ease of learning
- Extensive opportunities in videos and online conversation
- Videos come with teaching materials

Conclusion



- Utilize ICT with a proper software
- Become more interested and less reluctant
- Increase proficiency, interest, and motivation, and provide effective learning
- 7 schools still use EnglishCentral even after the project ended



~End~

Q&A