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Oct 25th, 3:35 PM

PolyU OER Portal: An archive of institutional collective wisdom

Johnny YUEN
Hong Kong Polytechnic University

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PolyU OER Portal: An Archive of Institutional Collective Wisdom

Open Educational Resources OER

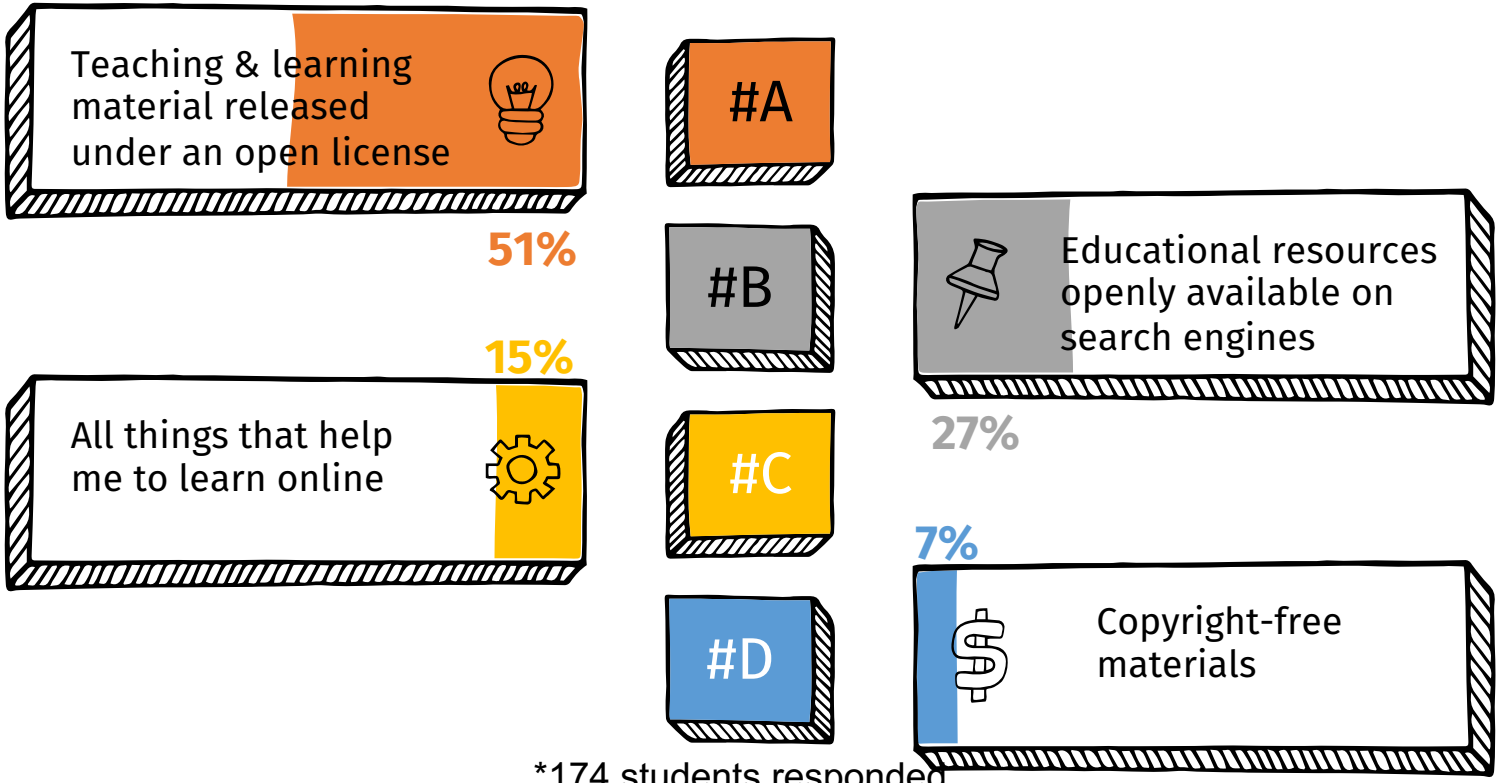
POLYU OER PORTAL

PolyU students' perception of

Open Educational Resources

(Selected Findings)

#1. PolyU students* have a wide spectrum of views towards Open Educational Resources "OER"



*174 students responded
Single-choice MC item

#2. Learning materials used by PolyU students* 3 times or more per week

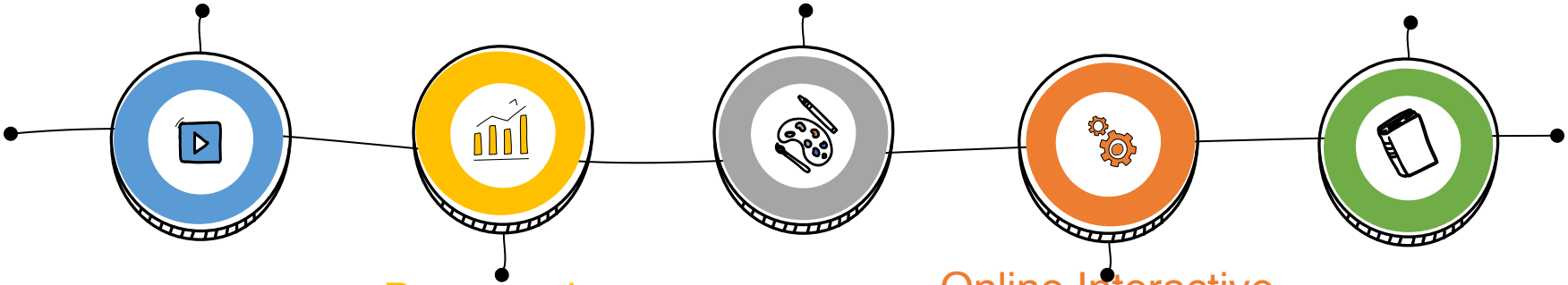
YouTube Videos
87%

Presentation Slides
75%

Images
75%

Online Interactive Demos, Simulations, Tutorials, Etc.
71%

e-Books, Text Materials
68%



*174 respondents

#3. PolyU students' preference on sharing "OER from the web"

With friends?

Students said they will share OER they found online with close friends

90% Yes

With the whole class?

Students said they will share OER they found online with the whole class

32% Yes

Ripping me off?

Sharing OER helps other students rip me off

51% Agree

Fruitful partnerships

Sharing OER helps building fruitful partnerships with classmates

91% Agree

*174 respondents

#4. PolyU students' preference on sharing "self-created learning resources"

With friends?

Students said they will share their creations with close friends

82% Yes

With the whole class?

Students said they will share their creations with the whole class

36% Yes

Ripping me off?

Sharing my creations is letting other students rip me off

55% Agree

Fruitful partnerships

Sharing my creations helps building fruitful partnerships with classmates

89% Agree

*174 respondents

Facilitating adoption of OER should ***not only*** aims at providing “more T&L resources”

“a change of perception & habit”
of both teaching & learning is needed.

The vision 2019/20-2024/25

The Library curates open educational resources, ***for and by students and staff***, the latest and best e-learning resources to support blended teaching and learning @PolyU.

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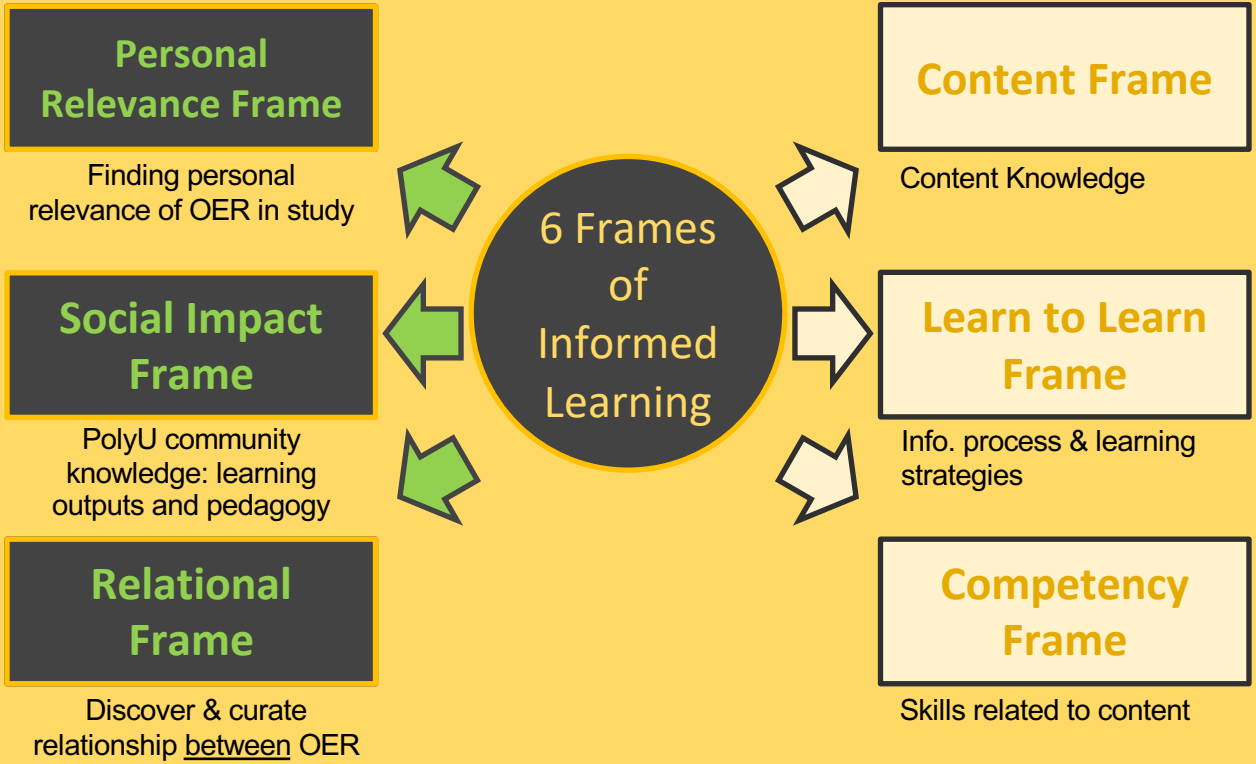
POLYU OER PORTAL

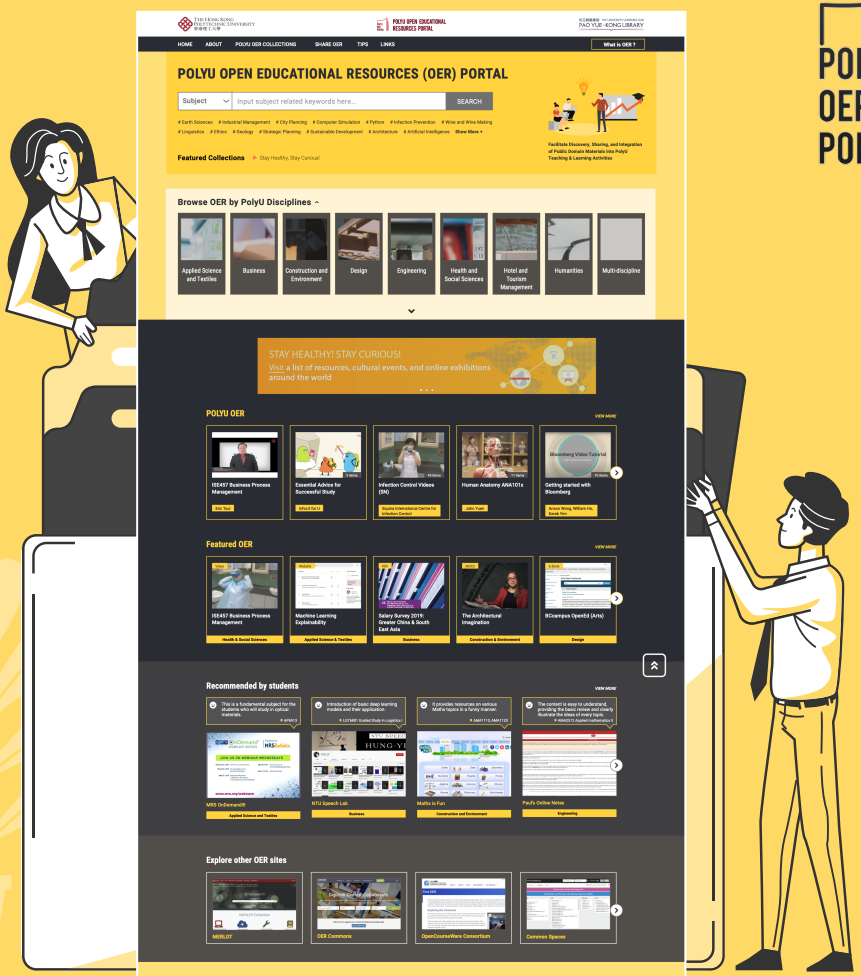
An Archive of Institutional Collective Wisdom

Our Library's Open Educational Resources (OER) initiatives aim at **capturing and sharing the collective wisdom** of the PolyU community around the PolyU curriculum:

- **Subject content related OER**
- **PolyU teaching & learning related OER**

Bruce, Christine. *Informed learning*. Association of College & Research Library, 2008.





PolyU OER Portal (since 2019)

Subject content related OER were mainly collected from:

1. Students
2. Faculties
3. Librarians

http://oer.lib.polyu.edu.hk

POLYU OER PORTAL

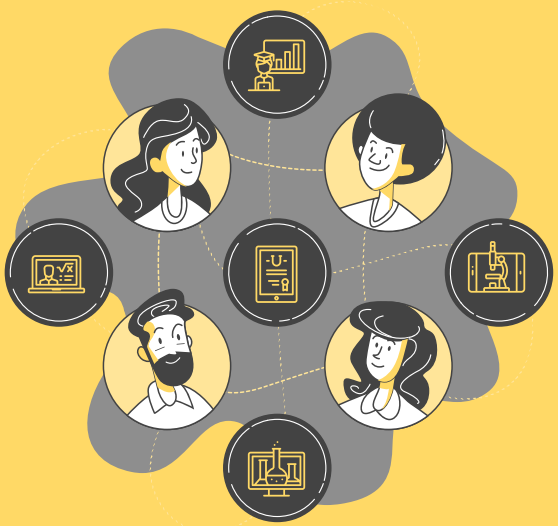
1. Students' recommendations w/personal sharing through surveys

This is a fundamental subject for the students who will study in optical materials.

AP6913

MRS OnDemand®

Applied Science and Textiles



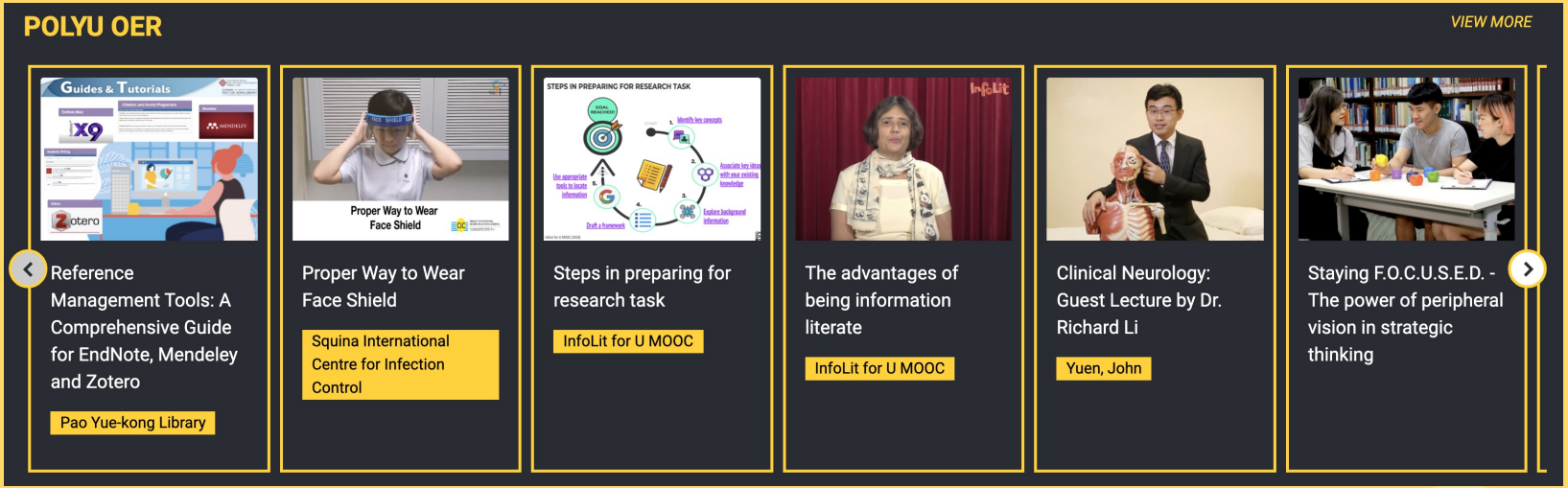
It provides resources on various Maths topics in a funny manner.

AMA1110, AMA1120

Maths is Fun

Construction and Environment

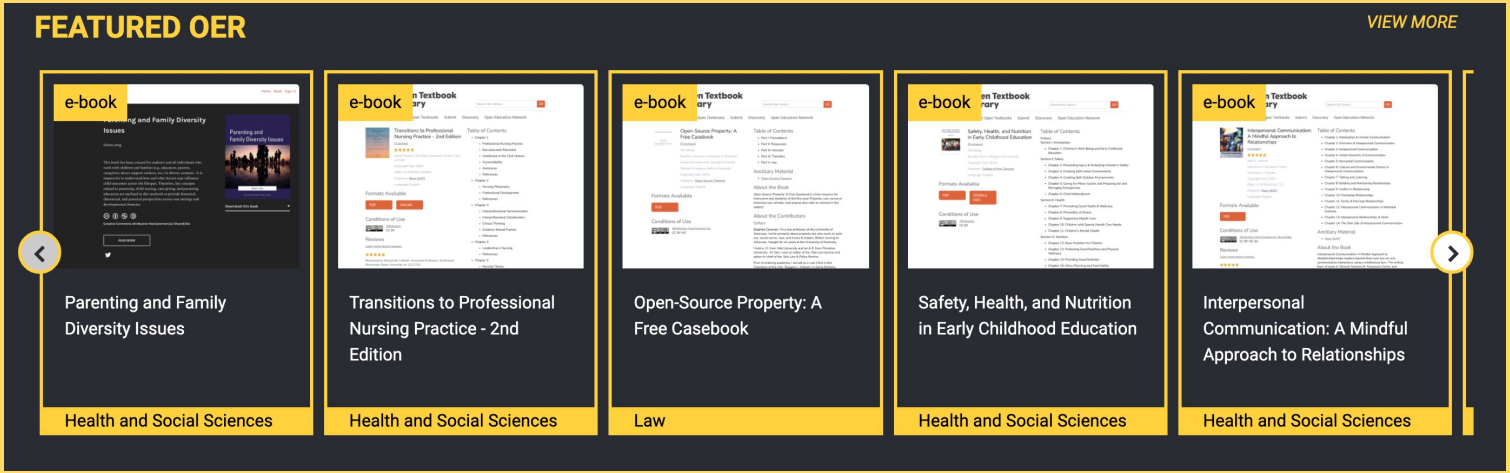
#From OER Student Survey 2019



2. OER created by PolyU staff

A growing collection of PolyU produced OER

#PolyU staff are welcome to contribute OER to this portal.



3. Featured OER hand-picked by librarians

- Covers all 8 PolyU schools/faculties
- w/ metadata tags assigned to connect T&L activities, e.g. “Related PolyU course”
- Added regularly

PolyU OER Portal

All subject content related OER are meta-tagged with:

- Domain, sub-domains, KWs…
- PolyU school & faculties,
- **Related PolyU Course Code**
- … …

PolyU staff & students have recommended OER for **more than 230 PolyU courses** already.

Video

StatQuest with Josh Starmer

Statistics, Machine Learning and Data Science can sometimes seem like very scary topics, but since each technique is really just a combination of small and simple steps, they are actually quite simple. My goal with StatQuest is to break down the major methodologies into easy to understand pieces. That said, I don't dumb down the material. Instead, I build up your understanding so that you are smarter.

View Resource

For PolyU Instructors: Export To Resource List

Comments by students

> This channel transforms statistics from abstract to practical. It illustrates statistic concepts with examples, and makes statistic calculations step by step. Students can watch the topics related to lectures and the channel will recommend relevant videos, making the learning experience more comprehensive.

Related PolyU Course

HTI34016 Introduction to Clinical Research

Details

Keywords

Tags

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Linear Models | Machine Learning | Logistic Regress | Statistics

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View Resource

For PolyU Instructors:
Export To Resource List

Related PolyU Course

HTI34016 Introduction to Clinical Research

Clear all filters ✖

Discipline

Applied Science and Textiles 1

Engineering 1

Keywords

Resource Type

Creator / Instructor

Year

Language

Related PolyU Courses

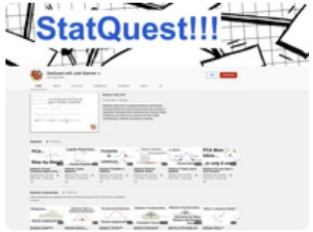
HTI34016 Introduction to Clinical Research 1 ✖

Sort by Relevan

Results for:

Related PolyU Courses > HTI34016 Introduction to Clinical Research ✖

Video



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Course related: HTI34016 Introduction to Clinical Research

Subjects: Computing and Mathematics and Statistics

Keywords: Machine learning | Data mining | Statisti | Mathematical analysis

Resource Type: Video

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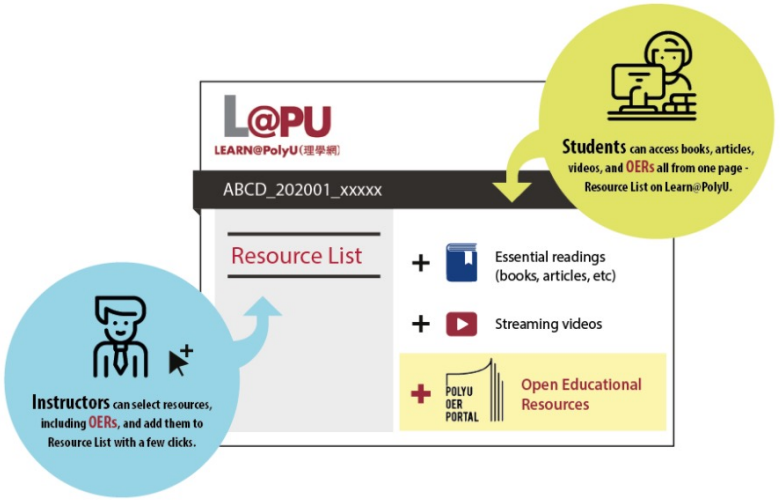
POLYU OER PORTAL → Resource List → PolyU LMS (Blackboard Ultra)

Introducing Resource List

Resource List provides students with easy access to reading materials prescribed by instructors for particular module **right inside the Learn@PolyU course page**, including books, readings and other online resources.

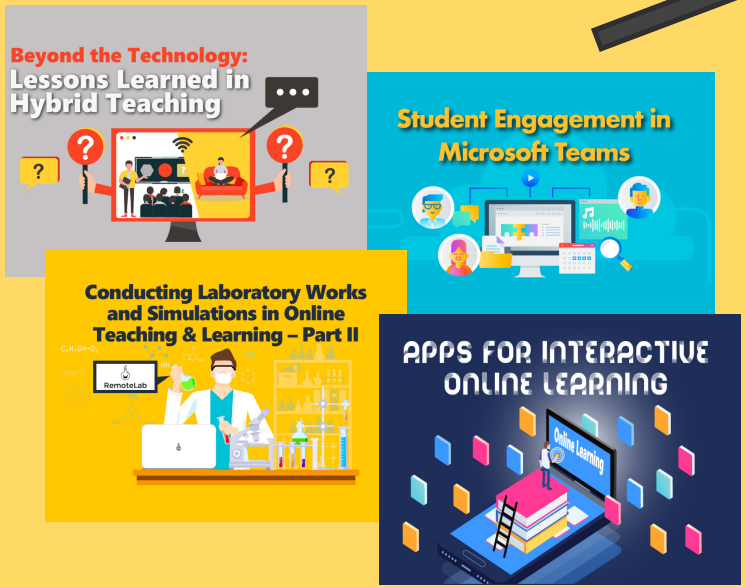
Instructors can select resources, including **OERs**, and add them to **Resource List** with a few clicks.

Students can access books, articles, videos and **OERs** all from one page - **Resource List** on Learn@PolyU.



Curate PolyU online training events into the OER Portal

POLYU OER PORTAL



Meta-tagged to highlight **six core elements** of T&L design:

- Lesson Design,
- Educational Resources,
- Student Engagement,
- Good Practices,
- Assessment & Feedback, and
- Learning Analytics.

Search OER Collection

Enter search terms

Go

Teaching and Learning Design

Subjects

Lesson Design	66
Student Engagement	52
Assessment & Feedback	41
Educational Resources	36
Good Practices	17
Learning Analytics	5

Lesson Design

VIEW MORE

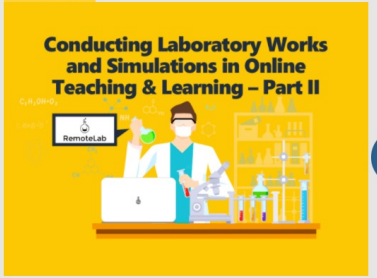
Video

Beyond the Technology - Lessons Learned in Hybrid Teaching: 28 October

Video

Beyond the Technology - Lessons Learned in Hybrid Teaching: 21 October

Video



Conducting Laboratory Works and Simulations in Online Teaching and Learning Part II 20200826

Student Engagement

VIEW MORE

Video

Video

Video

Beyond the Technology - Lessons Learned in Hybrid Teaching: 28 October

restricted access

Develop your hybrid teaching skills, try out engaging and interactive activities and share your initial perceptions of mixed-mode synchronous teaching from Semester 1.
Event Date: 28/10/2020
Facilitator(s): Dave Gatrell(EDC), John Sager (EDC)

Details

Keywords

Web-based instruction
Blended learning
Computer-assisted instruction

Tags

online learning | teaching skills | potential challenges | Re-run | practical tips | hybrid teaching | Synchronous

View Resource

Related OER

Beyond the Technology - Lessons Learned in Hybrid Teaching: 21 October

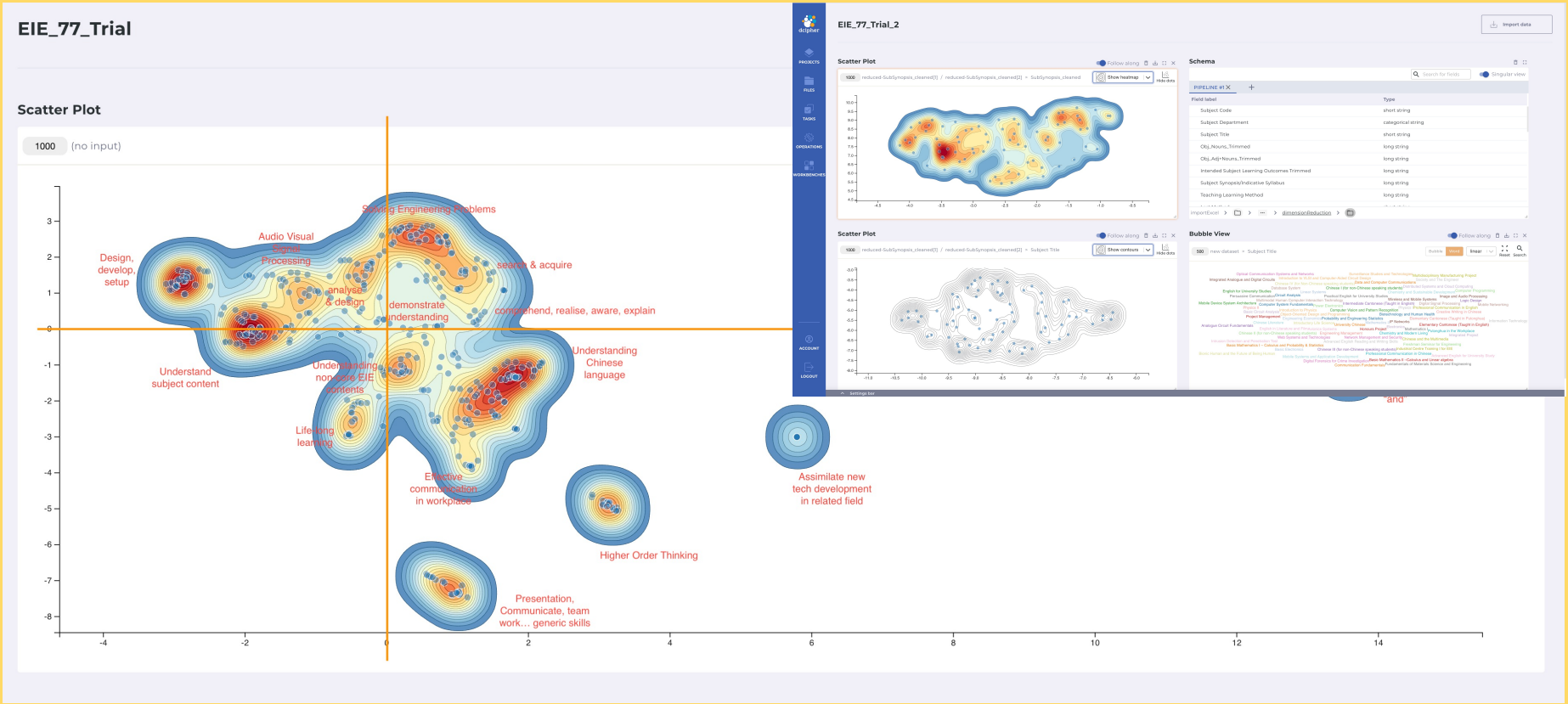
For PolyU Instructors: Export To Resource List

Collection

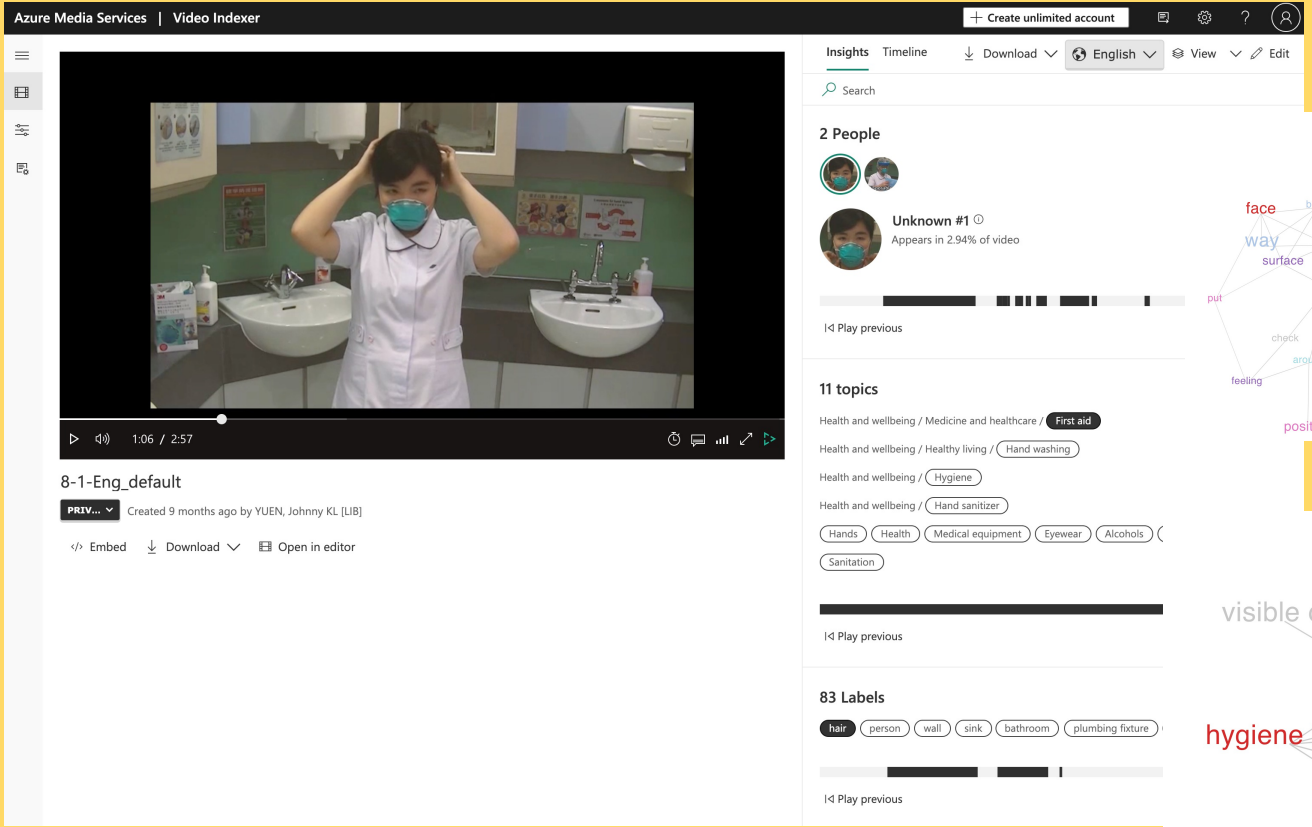
Learn from fellow teachers

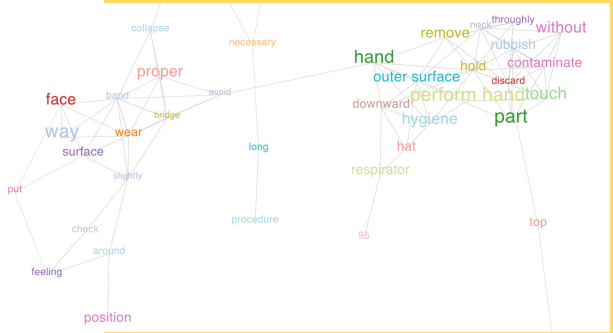
License

Dig deep into OER: Artificial Intelligence

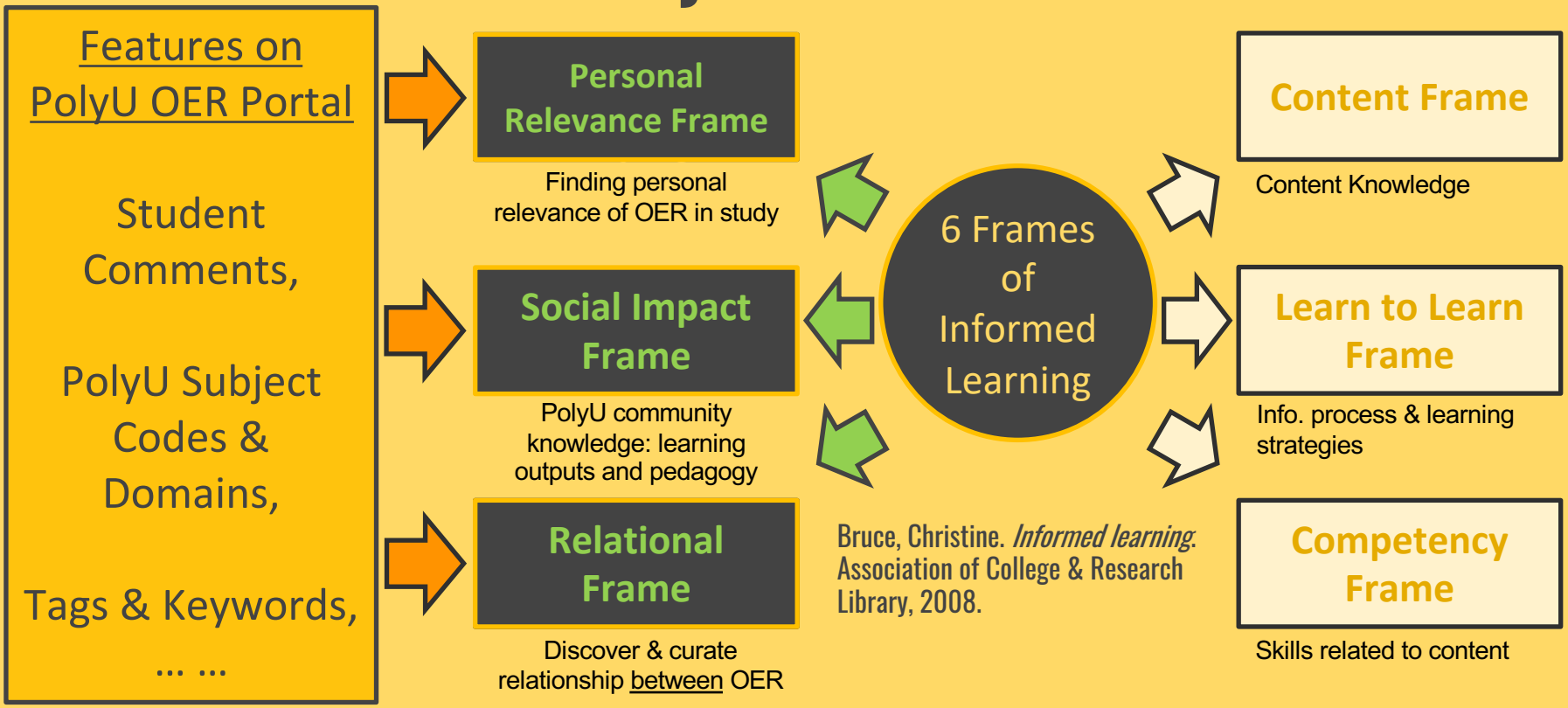


Dig deep into OER: Video Analytics





Summary: Linking PolyU collective wisdom with the PolyU curriculum



THANKS!

https://oer.lib.polyu.edu.hk/