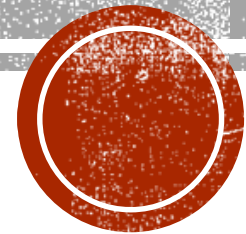




FLIPPED CLASSROOM



Anita Téringér

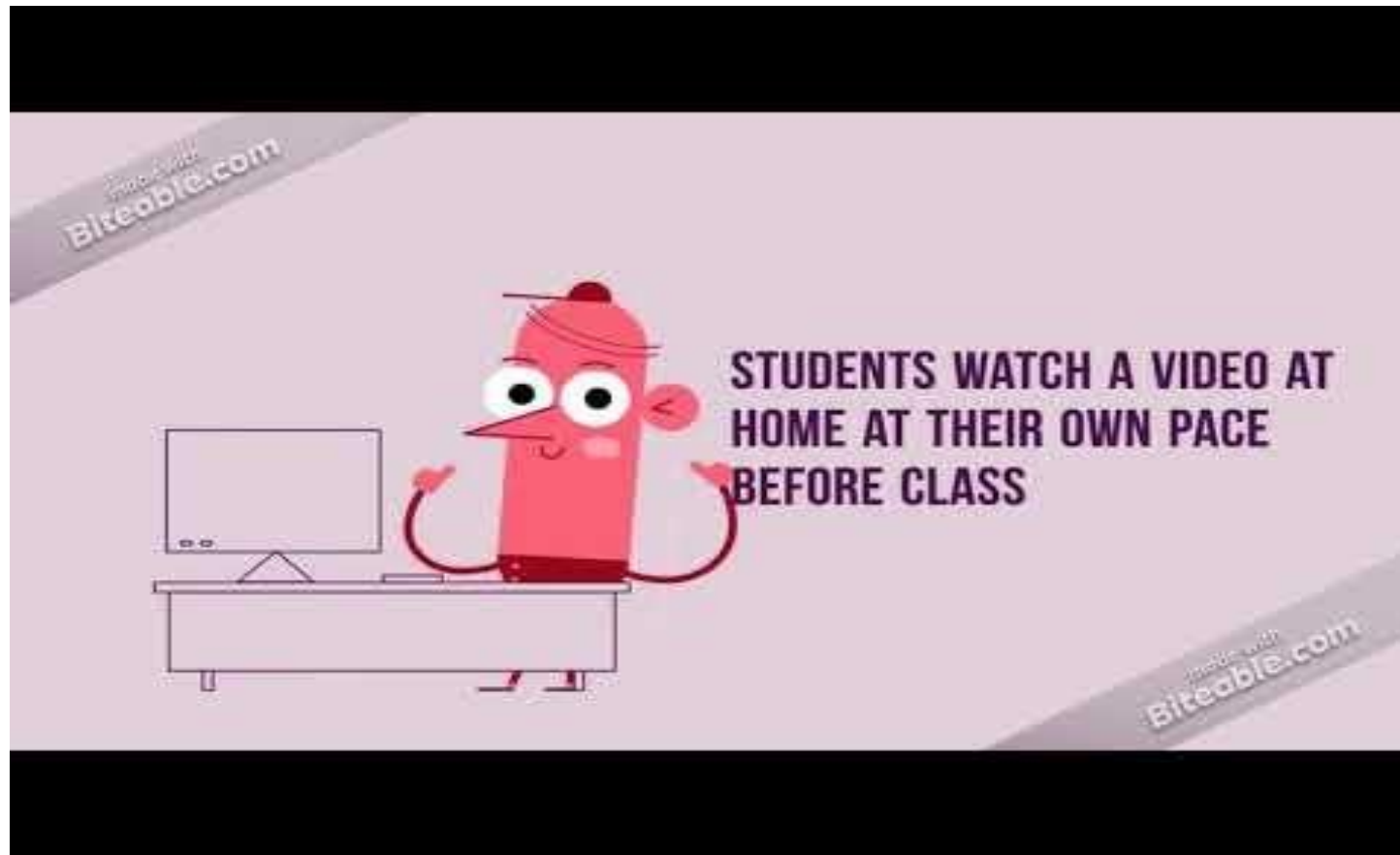
21ST CENTURY CHALLENGE



- Learning needs changed, learning happens outside of school as well
- 21st century skills
 - Problem solving, collaboration, critical thinking
 - Communication, creativity
- Technology (only a tool) vs pedagogy
- The **value of class time**



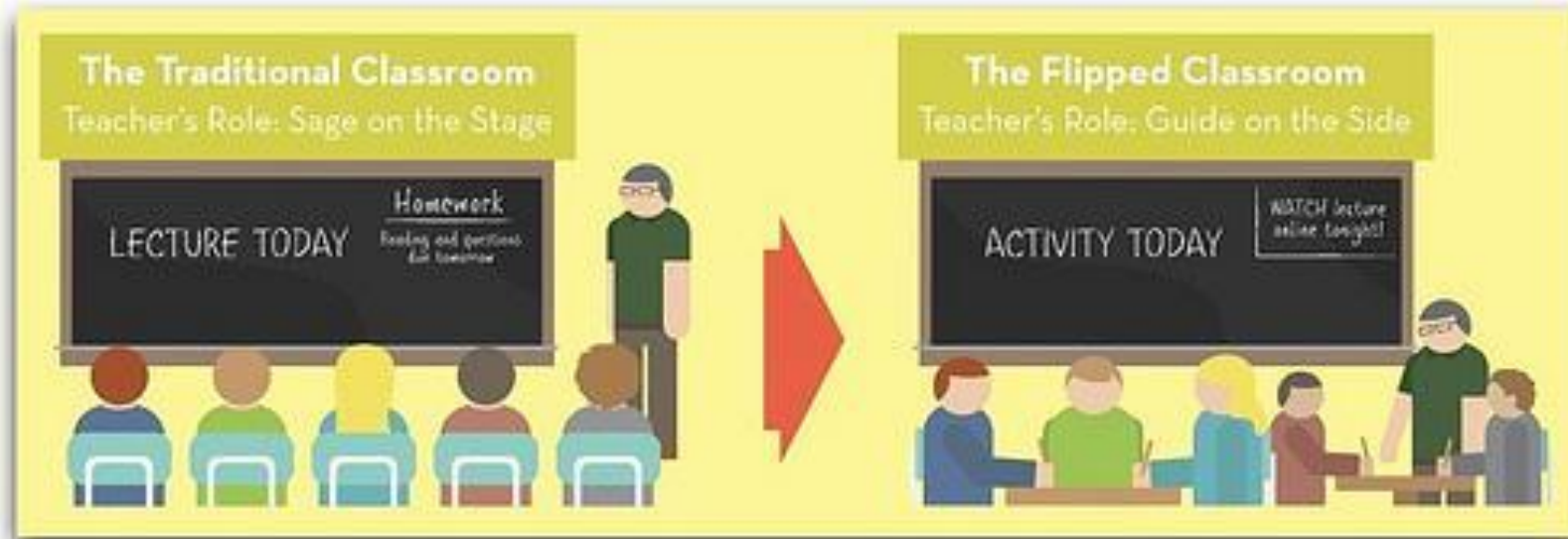
FLIPPED CLASSROOM



Flipped Classroom animation



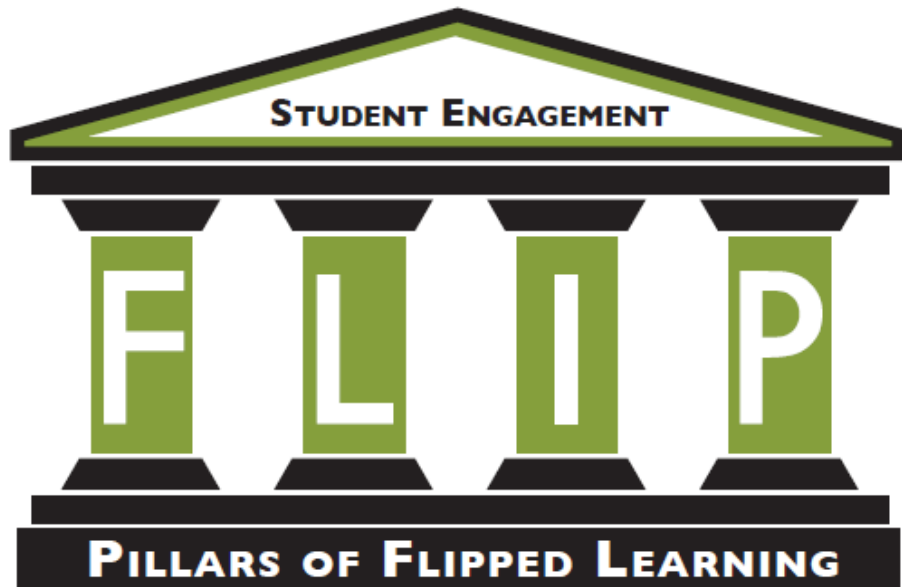
INDIVIDUAL VS GROUP SPACE



- Direct instruction away from group space
- Class time for practice, higher order thinking



4 PILLARS



(Image from [A Review of Flipped Learning](#))

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WHAT'S NEW

What about homework?

Traditional classroom

- instruction
- remember, understand
- „one size fits all”
- teacher-centered
- teacher = „sage on the stage”
- frustration



Flipped Classroom

- construction
- apply, analyse, evaluate, create
- customized
- student-centered
- teacher = „guide on the side”
- fun

LEARNING
IS
FUN



BENEFITS FOR STUDENTS

Pre-class

- individual space, own pace
- pausable, rewindable
- less frustration than with homework
- motivating



In class

- active learning, practical experience
- hands-on activities
- higher level thinking skills
- more time for interaction
- differentiation / individualized



CLASS TIME

What is the best use of face-to-face class time?
engagement,
demonstrating understanding in a meaningful way



Student centered, active learning

What to flip?



Assessment

- Teaching without grading – is it possible?
 - Teacher – student /group
 - Students each other or self
 - Communication, cooperation, project, problem solving
- **Goal:** to improve **quality of learning**



EVIDENCES

- More effective learning
- Increased scores
- Improved student attitude

Freedom to ask questions

Feel like an independent learner

No need to sit and struggle with HW

Able to re-watch videos



ASSIGNMENTS OF SELF-LEARNING MOD. 1

- Interest in the **practical application** of the method
- **Positive messages:**
 - „Students help me learn” – role change
 - Rewarding, students thank the teacher for doing it differently
 - Both teacher and students liked teacher filming himself during lockdown



DIFFICULTIES AS TEACHERS SEE

- **Motivation**

- How to motivate, how to create interesting lessons, still reaching objectives
- Rewarding, students thank the teacher for doing it differently
- Both teacher and students liked teacher filming himself during lockdown



- **Time**

- Lack of time (teaching time as well as time to create videos), workload



- **Resources**

- Lack of equipment
- Lack of institutional support



DIFFICULTIES - CONTINUED

- **Digital competences**

- Not having the knowledge to make/edit videos
- Hard to catch up

- **Methodology**

- How to implement ideas
- Assessment, evaluation of groupwork
- Hard to change own methodology
- Lesson planning is a must now
- Selecting key activities to improve higher order thinking skills



DIFFICULTIES - CONTINUED

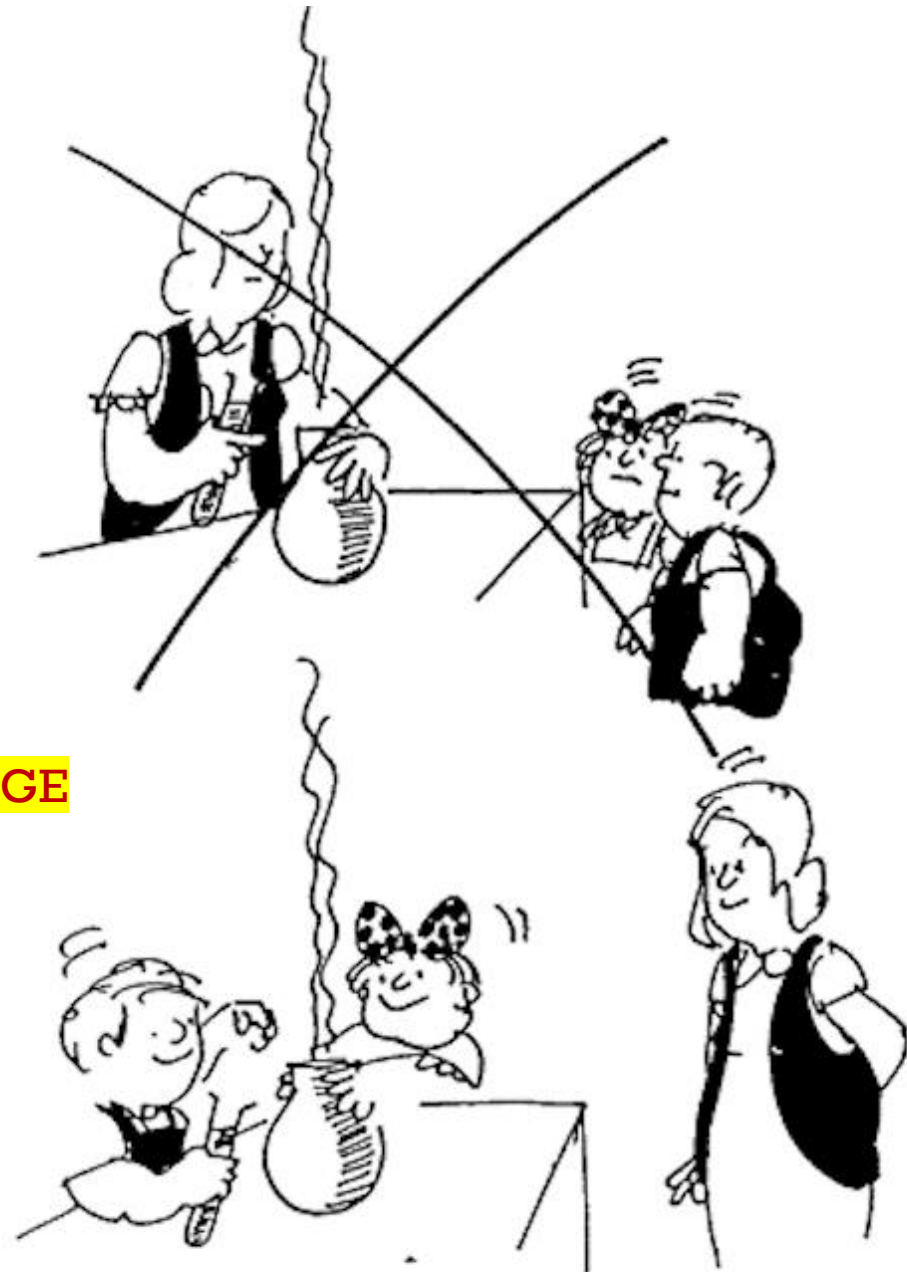
- **Other problems**
 - Students do not watch the video pre-class
 - Learners do not understand the importance of trying new learning methods
 - Innovation for students – they would prefer the known paths (they know what the teacher wants)



RECOMMENDA



**ROLE
CHANGE**



WHAT'S NEXT?

- Prepare pre-class content (video animation)
- Develop an attitude, tools always change
- Examples of digital content created by VET teachers
- Step-by-step guides to selected tools for content creation
- Tips for seamless implementation, based on experiences of former flipped classes
- **LATER:**
 - Materials for the classroom – digital tools
 - Lesson planning and evaluation
 - Deliver pilot lessons
- Remember: there is not ONE way
- Self-reflection, improvement



OPEN EDUCATIONAL RESOURCES

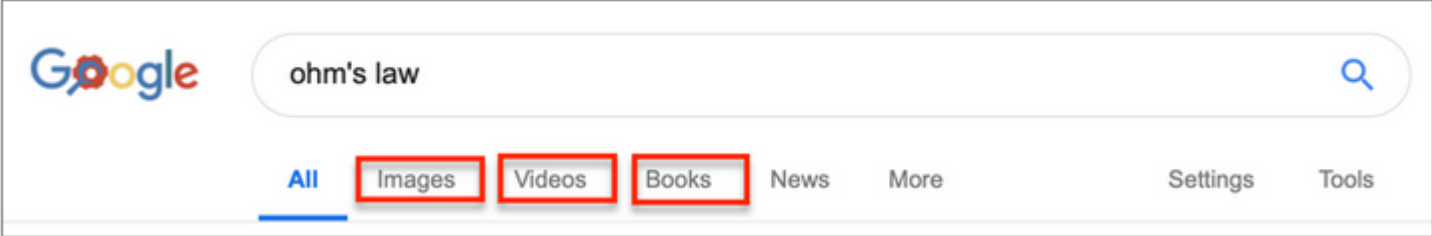
- Can be used, distributed, modified legally (license)
- Technically it can be modified (can be opened, modified, saved)
- It is available (freely accessible, traceable)



<https://creativecommons.org/>



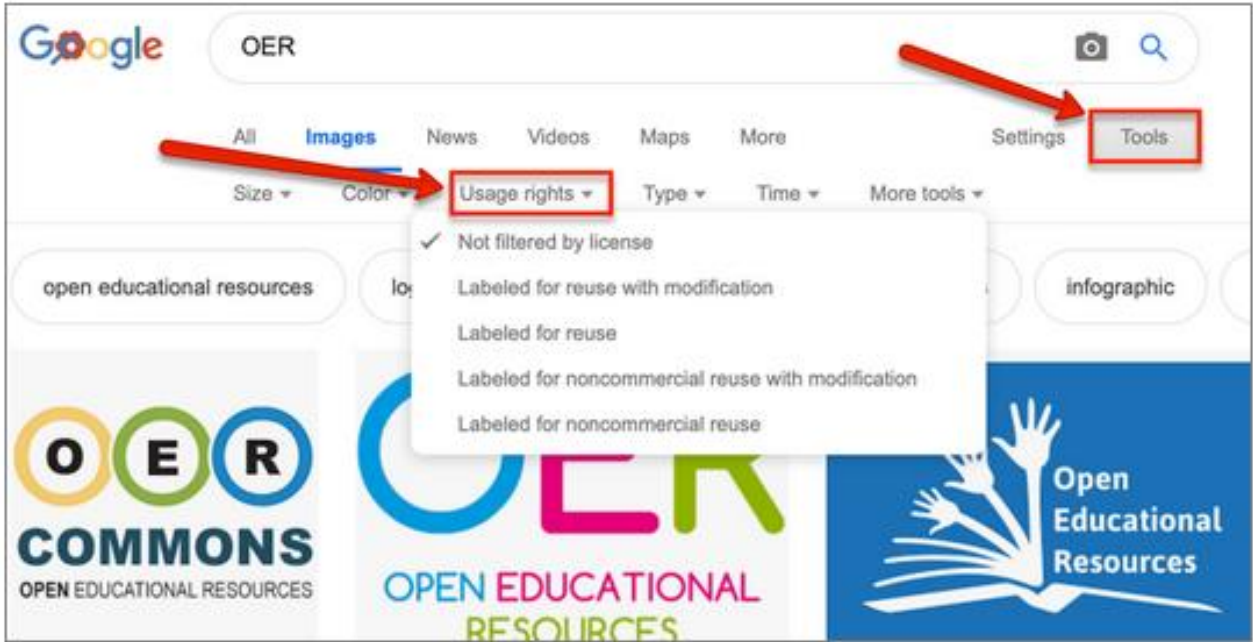
SEARCH ENGINES



CREATIVECOMMONS SEARCH



<https://search.creativecommons.org/>



DIRECTORIES, REPOSITORIES

- Directory: database
- Repository: resource „warehouse”

- Learning Resource Exchange: <http://lreforschools.eun.org/>
- OER Commons: <https://www.oercommons.org>
- OpenLearn: www.open.edu/openlearn/
- TED ED: <https://ed.ted.com>



DIGITAL CONTENT CREATION

- Video animations
- Mindmaps
- Infographics
- Digital bookmark
- Timeline
- Quiz makers
- Online questionnaires


- PRE-CLASS
- IN CLASS



Piktochart
make information beautiful



H5P

- Fórum
-  Interaktív tartalom
- Külső eszköz
- Lecke
- Műhelymunka
- SCORM-csomag










H5P_{hub} Select content type

Create Content Upload Paste

Search for Content Types

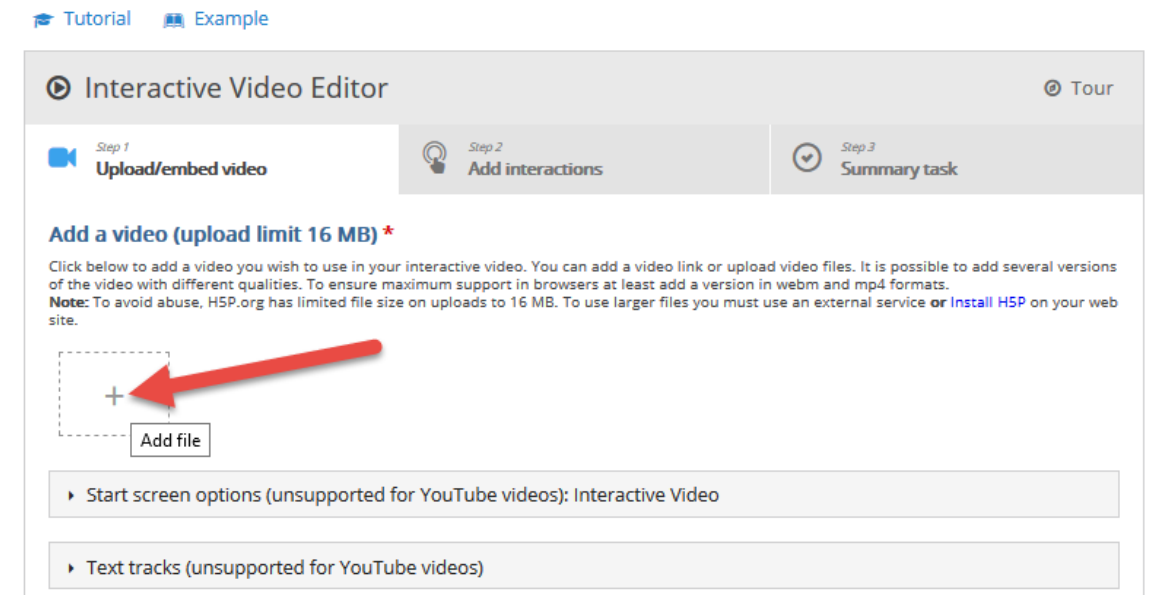
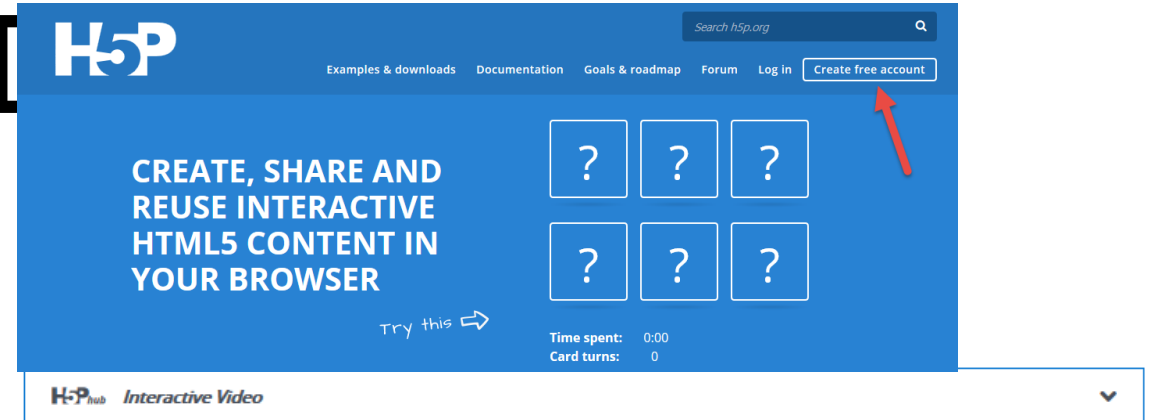
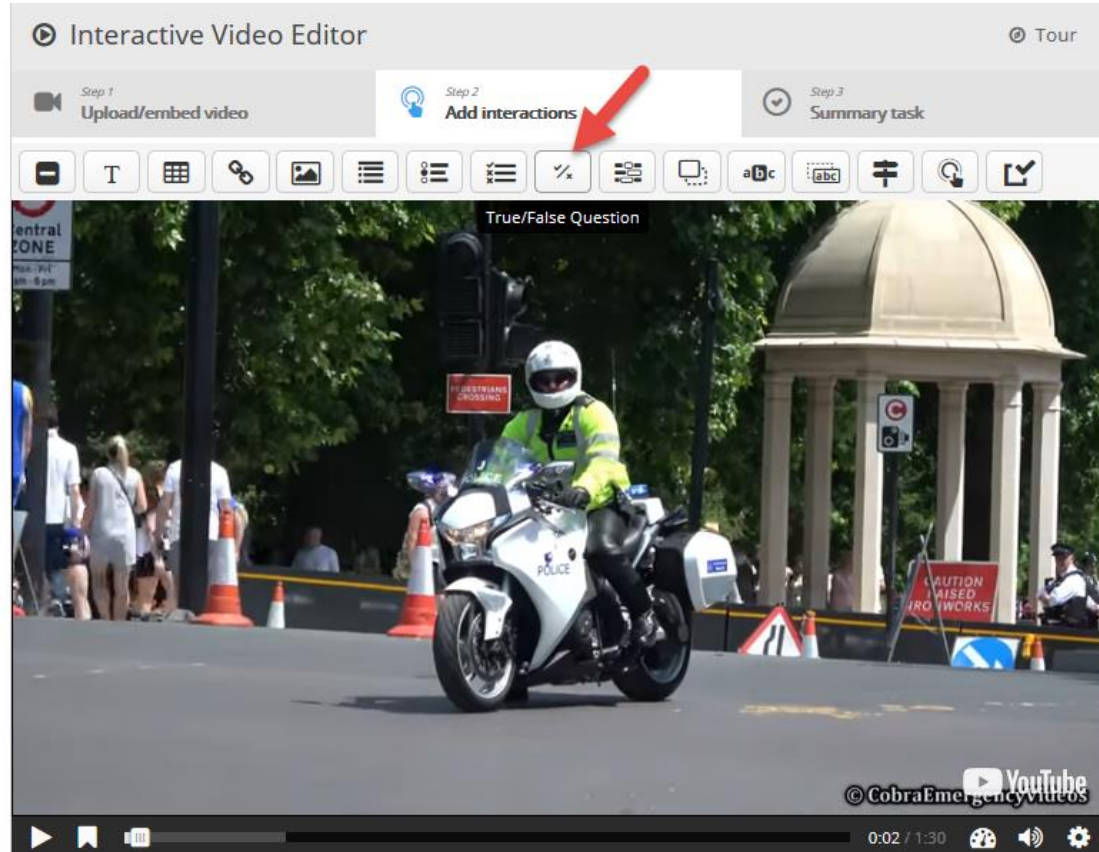
All Content Types (45 results)

Show: **Popular First** Newest First A to Z

| | | | |
|---|---|--|-------------------------|
|  | Interactive Video Create videos enriched with interactions |  Update available | Details |
|  | Course Presentation Create a presentation with interactive slides |  Update available | Details |
|  | Multiple Choice Create flexible multiple choice questions |  Update available | Details |
|  | Quiz (Question Set) Create a sequence of various question types | | ↓ Get |
|  | Fill in the Blanks Create a task with missing words in a text |  Update available | Details |

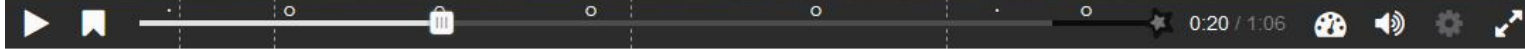
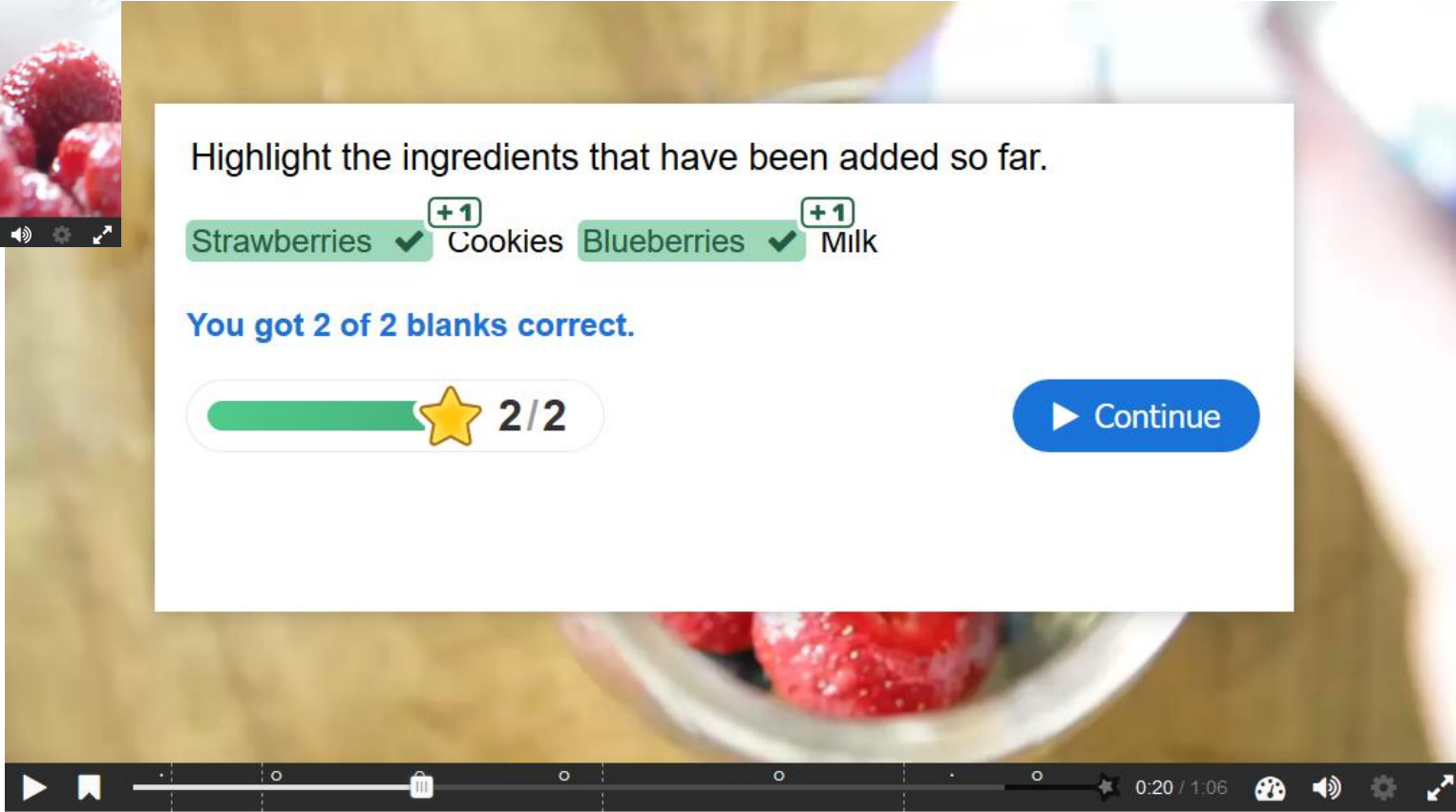
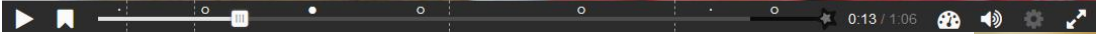
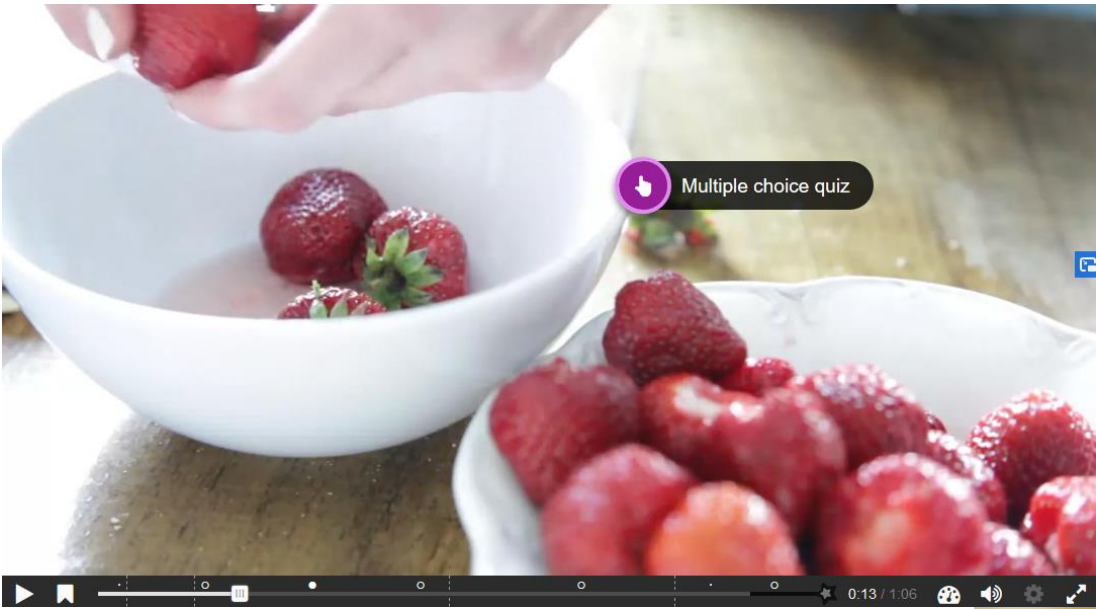


INTERACTIVE VIDEO



<https://h5p.com/>





SCREEN VIDEO

Screen Recorder

With our free and easy-to-use screen recorder, you can capture any area of your screen with the option to add narration from your microphone and video from your webcam. Sharing your ideas has never been easier!

Available on  Windows,  Mac & iOS,  Android, &  Chromebook

Launch Free Recorder

UPGRADE Recorder

 US - English 



easy-to-use screen recorder, you can capture any

with the

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dows, Apple

Recorder

Record

Screen Webcam Both

Max Time 00:15:00

Size 1206 x 778

Narration

Computer Audio

Preferences...

Rec [Settings Icon] Cancel

The screenshot shows a screen recording application in use. The background is a periodic table of elements. A 'Record' menu is overlaid on the screen, showing options for 'Screen', 'Webcam', and 'Both'. The 'Both' option is selected. Below the menu, there are settings for 'Max Time' (None), 'Size' (720p), 'Narration' (muted), and 'Computer Audio' (muted). A 'Preferences...' button is at the bottom of the menu. At the bottom of the screen, there is a recording control bar with a red 'Rec' button, a settings gear icon, and a 'Cancel' button.



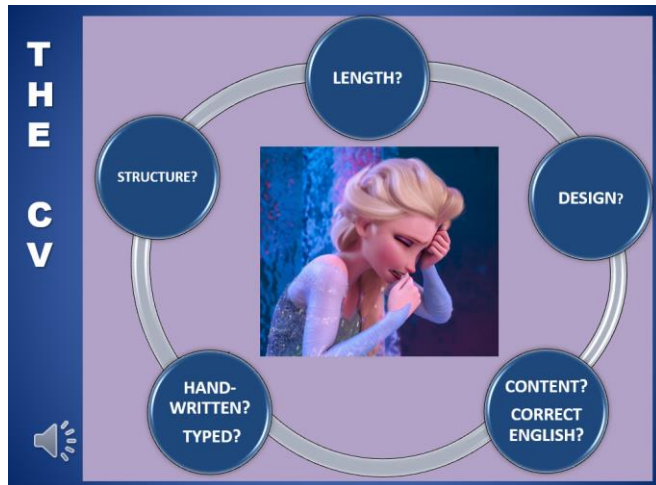
GENIAL.LY

The screenshot displays the Genially web application interface. On the left is a sidebar with the Genially logo and navigation options: 'CREATE GENIALLY', 'My creations', 'My brand', and 'Inspiration'. The main area features a search bar with the text 'Search for creations', a filter menu set to 'All', and a blue 'UPGRADE TO PREMIUM' button. The user profile 'teringeran@gmail.com' is shown with a 'Plan Free' status, highlighted by a red arrow. Below the header are 'Folders' for 'Create folder' and 'Recycle Bin'. A grid of content cards is visible, including a 'Create genially' button, a 'Flipped Classroom Content Creation' draft presentation dated 2020.09.25, and a 'Reacti-VET Diákkurzus (kísérletek)' draft presentation dated 2020.09.17.



EXAMPLES – FIRST VIDEOS OF TEACHERS

- <https://goo.gl/q86XZy> – English; How to write a CV and a Cover Letter (New knowledge)
- <https://youtu.be/0gAg2sKdpL8> - English; Conditionals (Re-cap)



SHARING/PUBLISHING CONTENT

- Use built-in sharing service of the application
- Upload video to YouTube



- Share on own platform – virtual learning environment (MS Teams, Google Classroom, Moodle, etc.)



WE'LL CONTINUE... – WITH GENIAL.LY

gracias

grazie

dzięki

thanks

hvala

köszönö
m

<https://view.genial.ly/5f6c713bf902780d10c9ee98>

