





# DISCLAIMER

### YOUR TRAINER

#### **MARKUS TISCHNER**

Head of Media Production
FAU, Innovation in Learning Institute

Freelance Filmmaker frisbee medien

Learning Media Production

**Science Communication** 

Al supported Media Production



### YOUR TRAINER

### **SONIA HETZNER**

Managing Director FAU, Innovation in Learning Institute

President
Media & Learning Association

Learning Design

**Trainer Digital Learning** 



### **AGENDA**

Al Experiences in the group

Al as Co Creator in the conceptional stage

III
Al as Co Creator in Media
Production

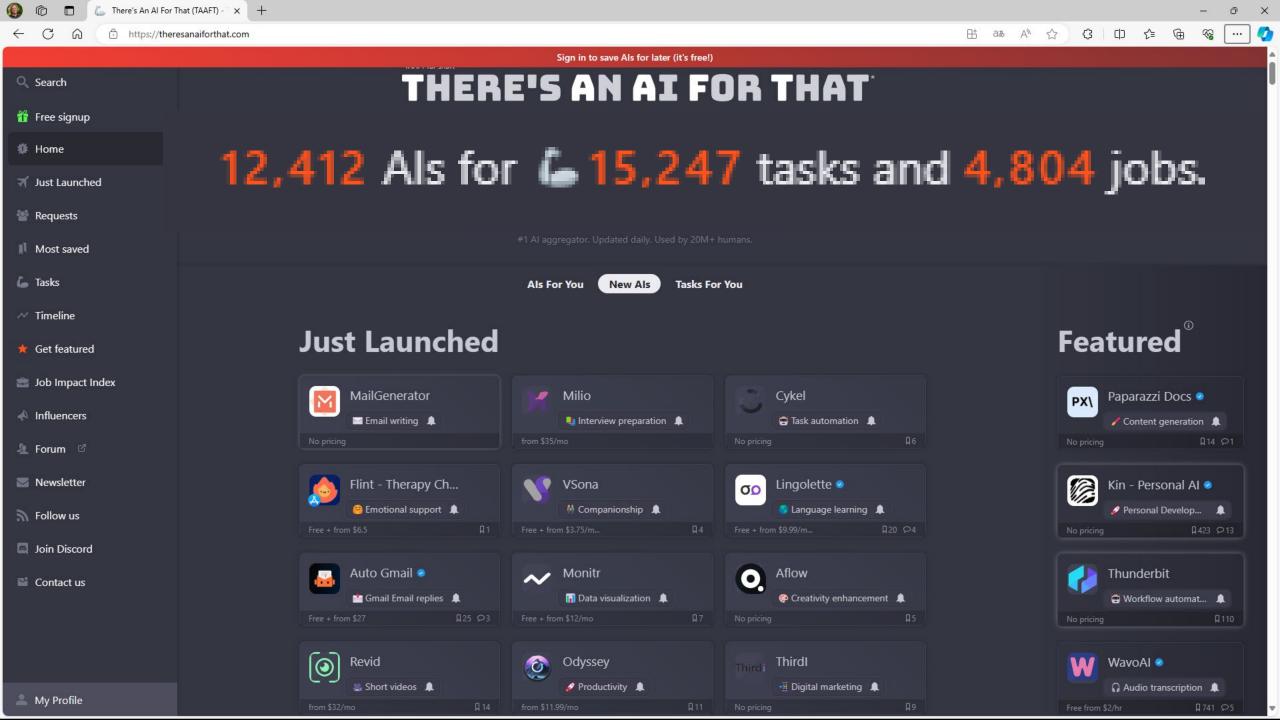






# www.menti.com

Code: 17 30 27 81



Al support in the conceptional stage

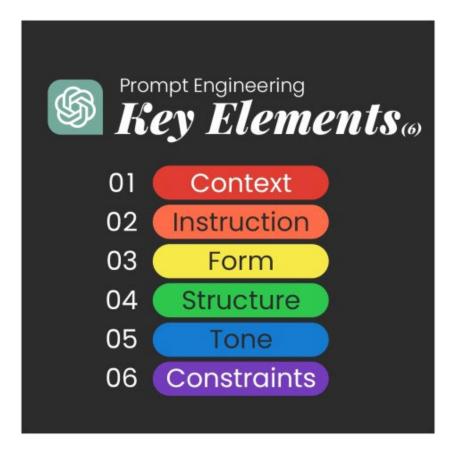


I have to plan and implement a new course on the topic of "Scaffolding" for digital teaching.



Al supported production of Media Learning Ressources

https://www.linkedin.com/post s/galalon22\_promptengineering-key-componentsactivity-7074106943623114752-MJKs/



## **Prompt Example**

You are a university lecturer.

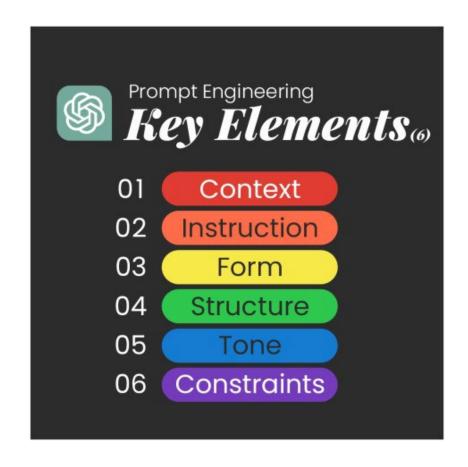
You shall create an online course on the practical application of Gilly Salmon's "Scaffolding" model in higher education teaching. Your target group is young university lecturers who already have some experience in university teaching.

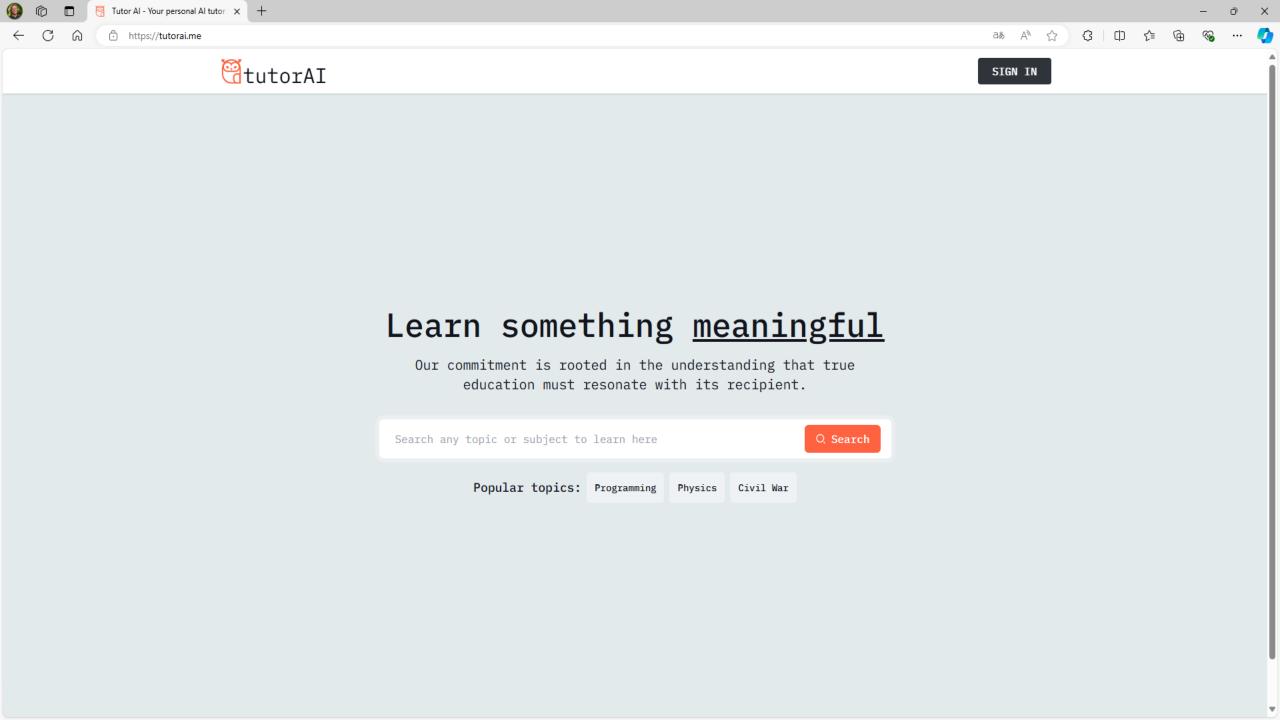
#### The course will consist of seven modules.

The model will be introduced in the first module. In each of the next five modules, one stage of the five-stage model will be presented and one practical application in university teaching will be demonstrated. In the last module, the challenges and possible solutions for the five-step model in practice will be demonstrated.

The course should convey the content in an informative tone.

The sentences should be kept as simple as possible so that more complex ideas can also be easily understood. The generated texts should be long enough so that each module can be finished in ten minutes.





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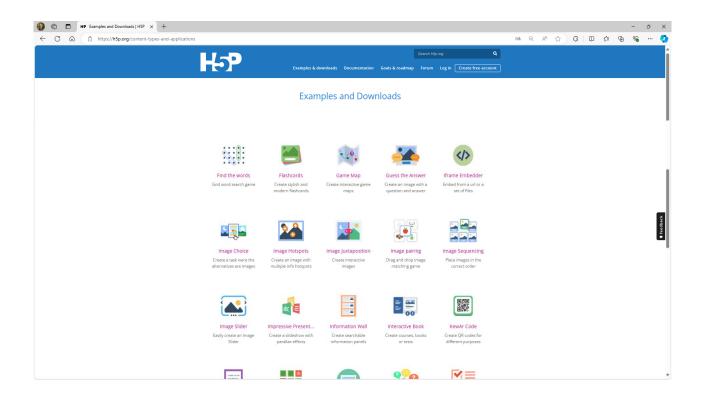


I need interactive learning and formative assessment elements for my course.



### H<sub>5</sub>P

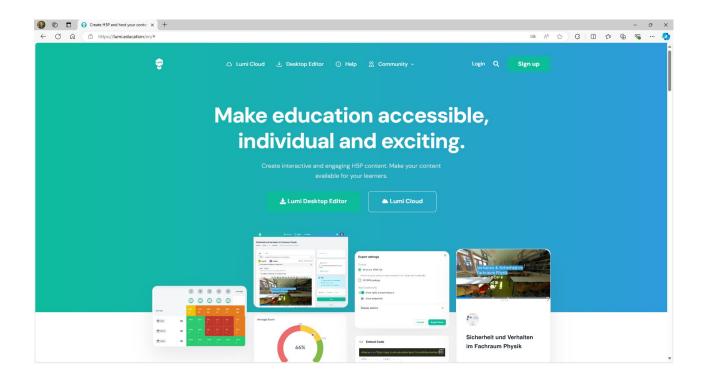
#### Authoringsystem for producing interactive learning media



www.h5p.org

### Lumi

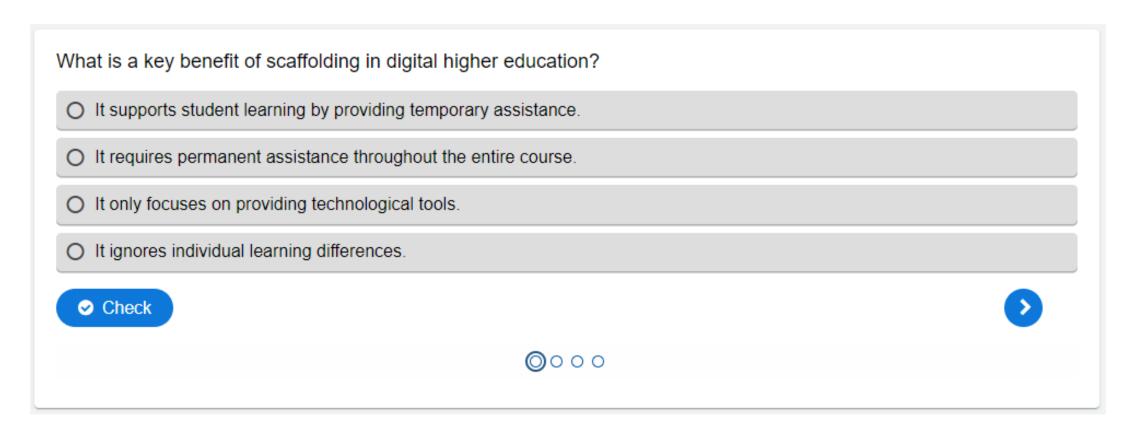
Offline-Editor for producing interactive H5P Content



app.lumi.education

## Al generated H5P Interactions with Chatbots

**Example: Single Choice Quiz** 

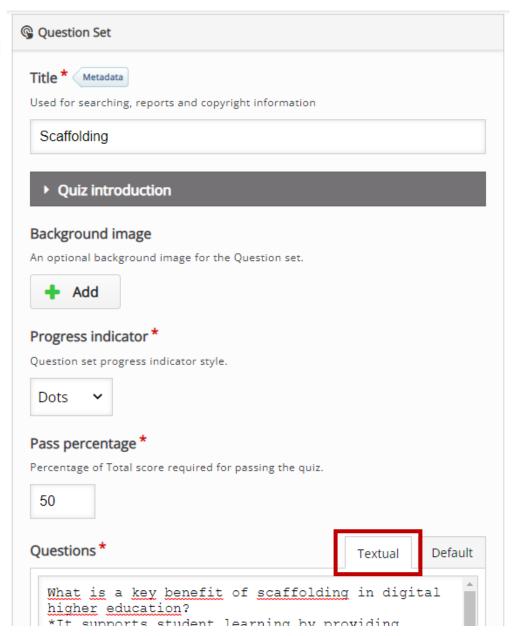


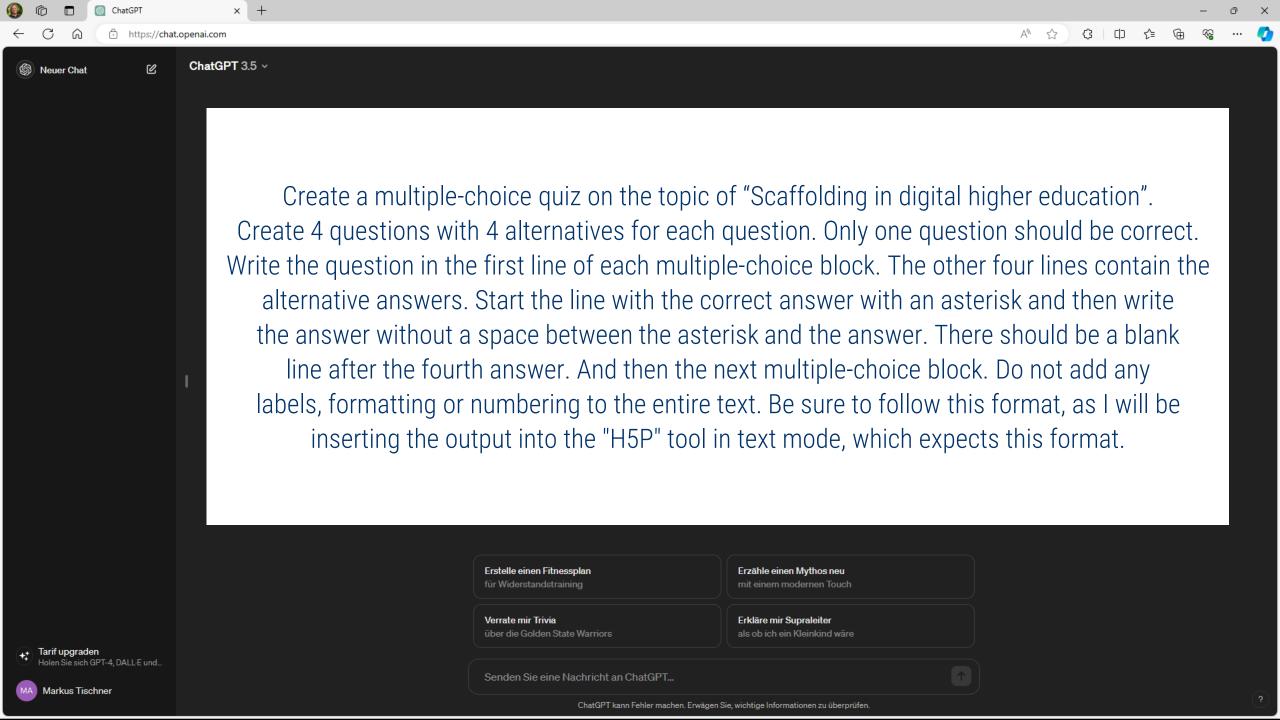
## Al generated H5P Interaction

**Example: Single Choice Quiz** 

#### To reduce teaching costs

Use an empty line to separate each question. In multi choice the first line is the question and the next lines are the answer alternatives. The correct alternatives are prefixed with an asterisk(\*), tips and feedback can also be added: \*alternative:tip:feedback if chosen:feedback if not chosen. Example:





## Al generated H5P Interaction

**Example: Summary** 

Choose the correct statement.

✓ Progress: 0/5

Scaffolding in digital higher education ignores individual learning differences.

Scaffolding in digital higher education requires permanent assistance throughout the entire course.

Scaffolding in digital higher education supports student learning by providing temporary assistance that helps students achieve learning goals.

Scaffolding in digital higher education only focuses on providing technological tools.

## Al generated H5P Interaction

**Example: Summary** 

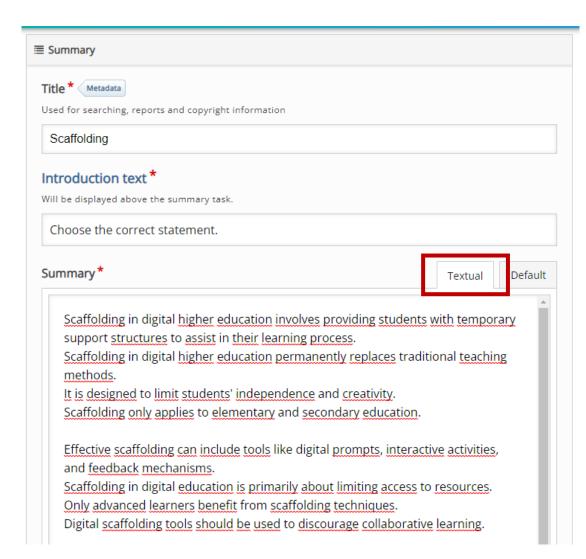
#### Scaffolding relies on summative assessment only.

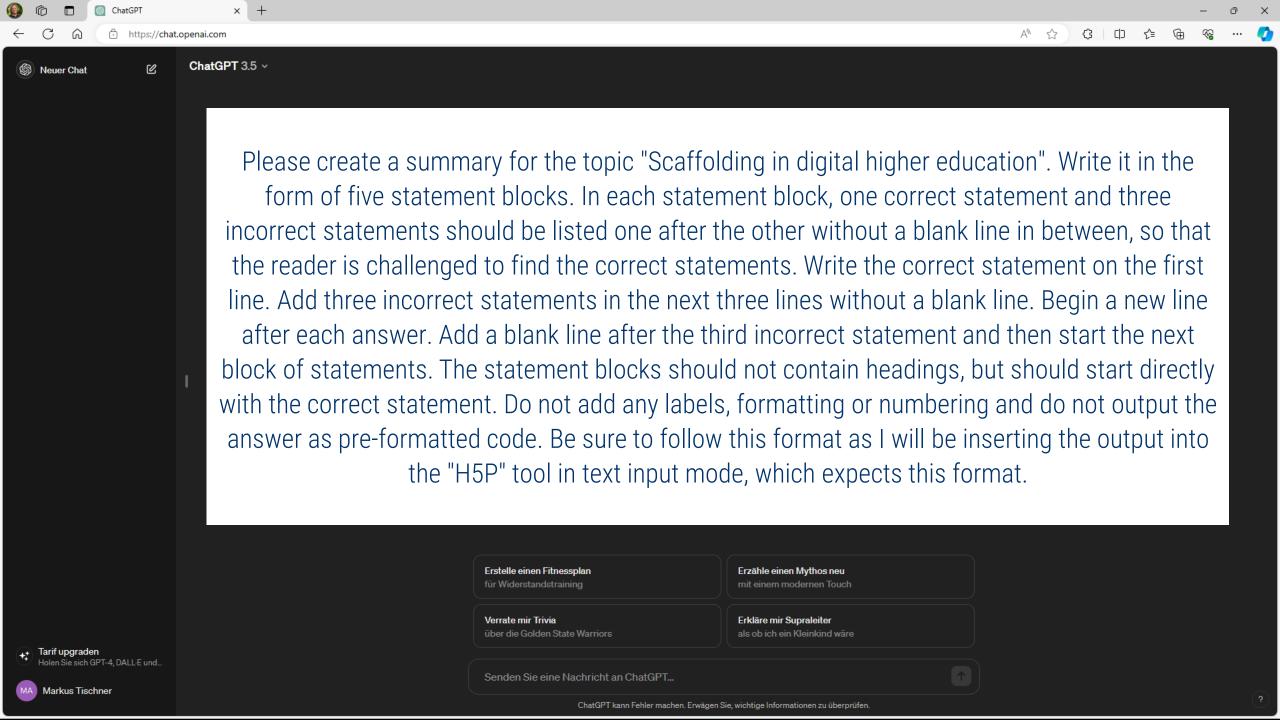
Write each statement on a separate line.

Use an empty line to separate sets of statements.

First statement is always correct.

If there is a tip - it is written on the first line with the prefix ":"





## Al generated H5P Interactions with Chatbots

# FURTHER EXAMPLES

https://h5p.org/GPT

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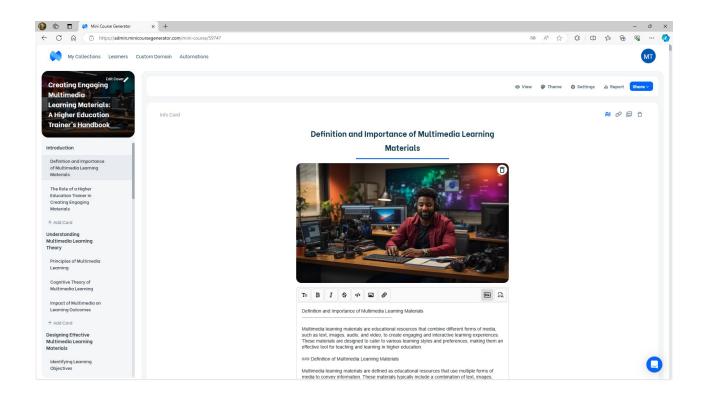


I have only little time but I need a whole course for my students class.



### **Mini Course Generator**

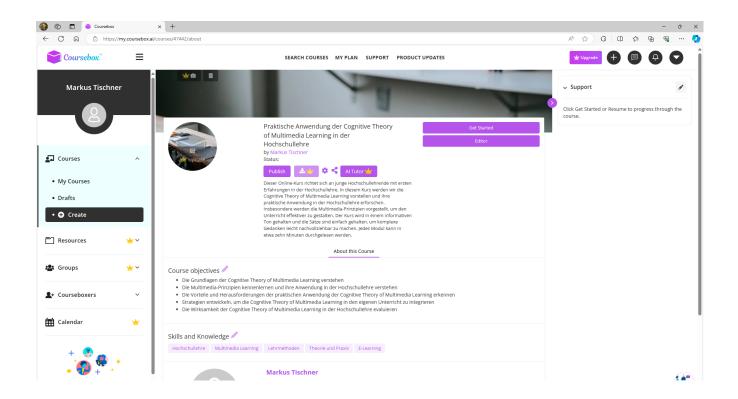
#### Automated course generation



www.minicoursegenerator.com

### Coursebox

#### Courses from your materials



www.coursebox.ai

## **H5P Smart Import**

Automated generation of H5P Interactions



Info on h5p.com

**Tutorial-Video on Youtube** 

## **H5P Smart Import as Co-Creator**

**Current Status** 



DECLARATIVE KNOWLEDGE (factual knowledge, know-what)

e.g. What types of bicycles are there?



PROCEDURAL KNOWLEDGE (action sequences, know-how)

e.g. how do you ride a bicycle?

FORMULAS, REACTION EQUATIONS ETC.

Are completely ignored

SETTING PRIORITIES / TECHNICAL RELEVANCE

Only the author knows

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I need multimedia elements for my course.

# GENERATIVE AI

IT DEPENDS...

Text to Speech Text to Picture

Music Creation

Photograph Extention

**Video Avatars** 

Text to Video

Voice Cloning

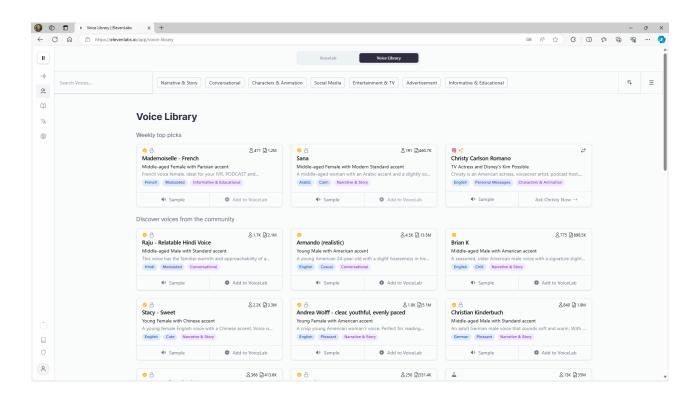
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I need a voiceover & music for my Online Course.

### **Elevenlabs**

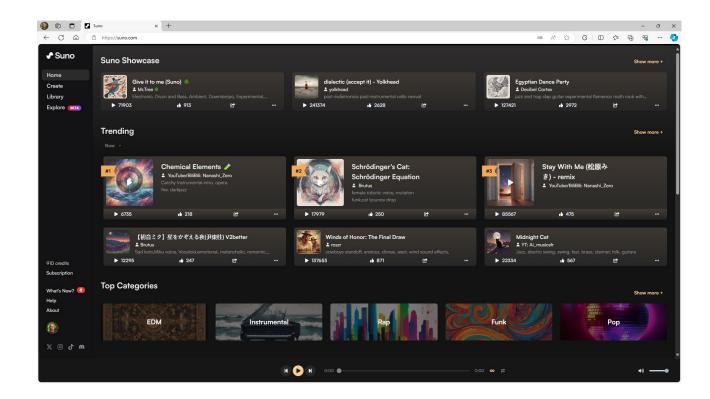
Professional Text to Speech Generator / Voice Cloning / Dubbing



elevenlabs.io

### Suno

#### Al Music-Generator



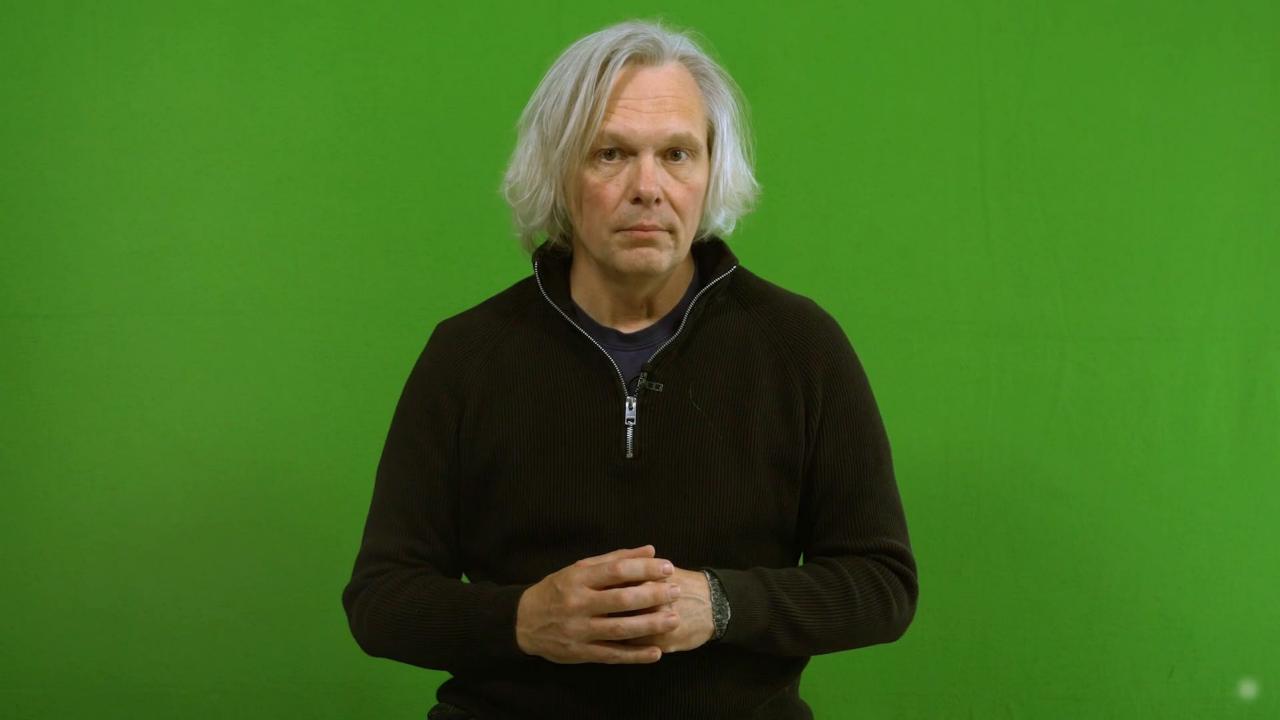
suno.com

## Al as Co-Creator

Al supported production of Media Learning Ressources

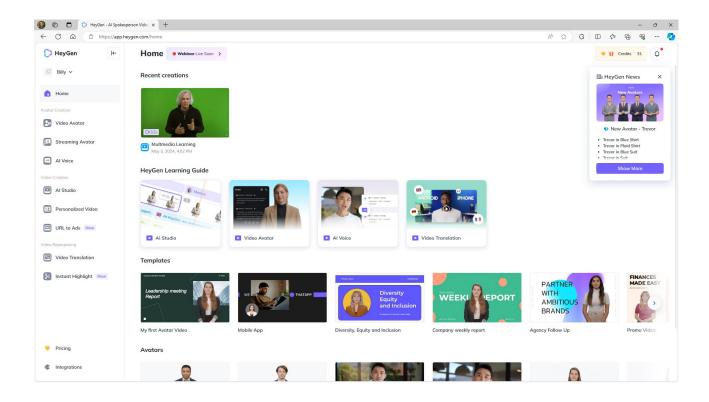


I need a Talking Head Video for my Online Course.



## Heygen

#### Al Video Avatar Generator



heygen.com

# **Heygen**Al Photo Avatar Generator



heygen.com

Hello, I am Mona Lisa, known for my mysterious smile. Painted by Leonardo da Vinci in the early 16th century, I reside in the Louvre Museum. My enigmatic expression has captivated viewers for centuries. Welcome to my world of intrigue and art!

## Al as Co-Creator

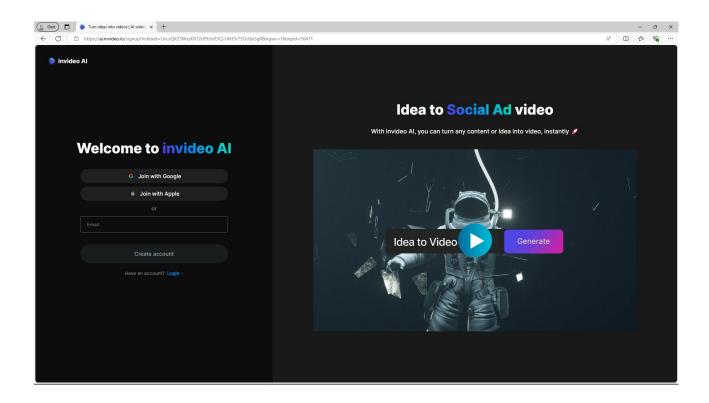
Al supported production of Media Learning Ressources



I need a complete Explainer Video for my Online Course.

## Invideo

Al Text to Video Generator (with footage)



ai.invideo.io

# Prompt For Invideo

Create an explainer film on the practical application of Gilly Salmon's "Scaffolding" model in higher education teaching. Your target group is young university lecturers who already have some experience in university teaching. The film shall last three minutes

First, the model shall be introduced. Then, every stage of the five-stage model shall be presented. After that, the challenges and possible solutions in practical teaching for the five-step model shall be demonstrated. The film should convey the content in an informative tone. The sentences should be kept as simple as possible so that more complex ideas can also be easily understood.



## **Lumalabs Dream Machine**

Al Text to Video Generator (from scratch)



Lumalabs.ai

## **Prompt**

For Lunalabs Dream Machine

A group of 6 students is discussing in a classroom. They are sitting around a big round table in the foreground of the frame. In the background, a lecturer is supervising the discussion. He is not talking to the students. The classroom is a modern style room with big windows and a interactive whiteboard on the wall.

Result 1

Result 2

## MEDIA OPTIMIZATION

A HUGE TIMESAVER

# Audio Enhancement

# Sharpening Pictures

# **Voice Dubbing**

**Color Grading** 

Text Based Editing

Captions

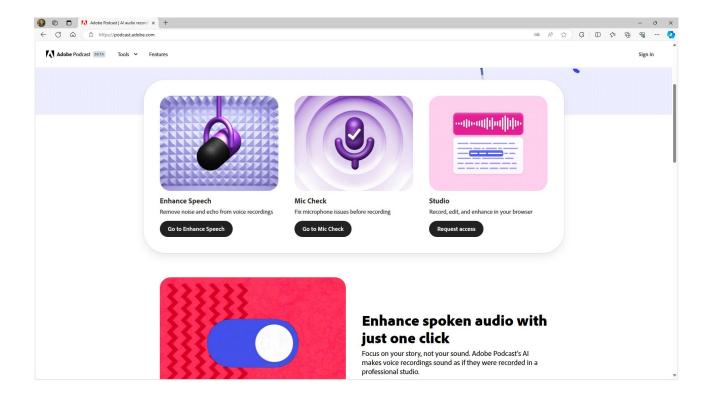
Music-Remix

Upscaling

Transcription

## **Audio Enhancement**

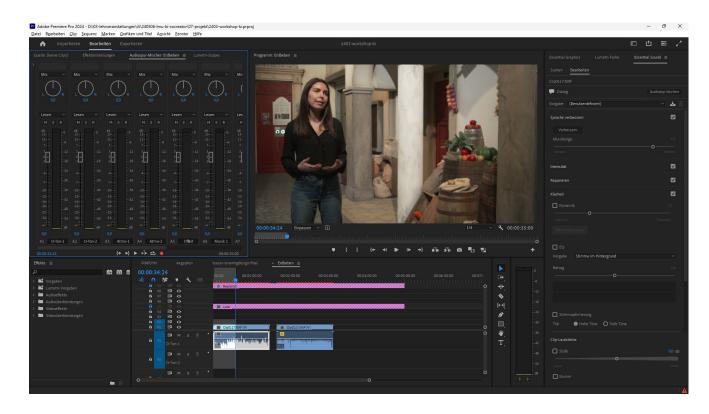
Adobe Podcast - Online Service for enhancing audio



podcast.adobe.com/

## **Optimizing Video Edits**

Audio-Enhancement, Transcription, Text based editing, Captions, Music-Remix, etc.



adobe.com

## **Voice Dubbing**

Automatic translation combined with voice cloning



**Original Film (en)** 

**Dubbed Film (ger)** 

**Dubbed Film (por)** 

heygen.com

Commentary in snack-sized mouthfuls



"I want AI to do my laundry and dishes so that I can do art and writing, not for Al to do my art and writing so that I can do my laundry and dishes."

Author and videogame enthusiast Joanna Maciejewska nails it (although bathroom cleaning goes ahead of laundry and dishes)

"I'm sure I deserve





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**THANKS** 

www.ili.fau.de

For your attention!