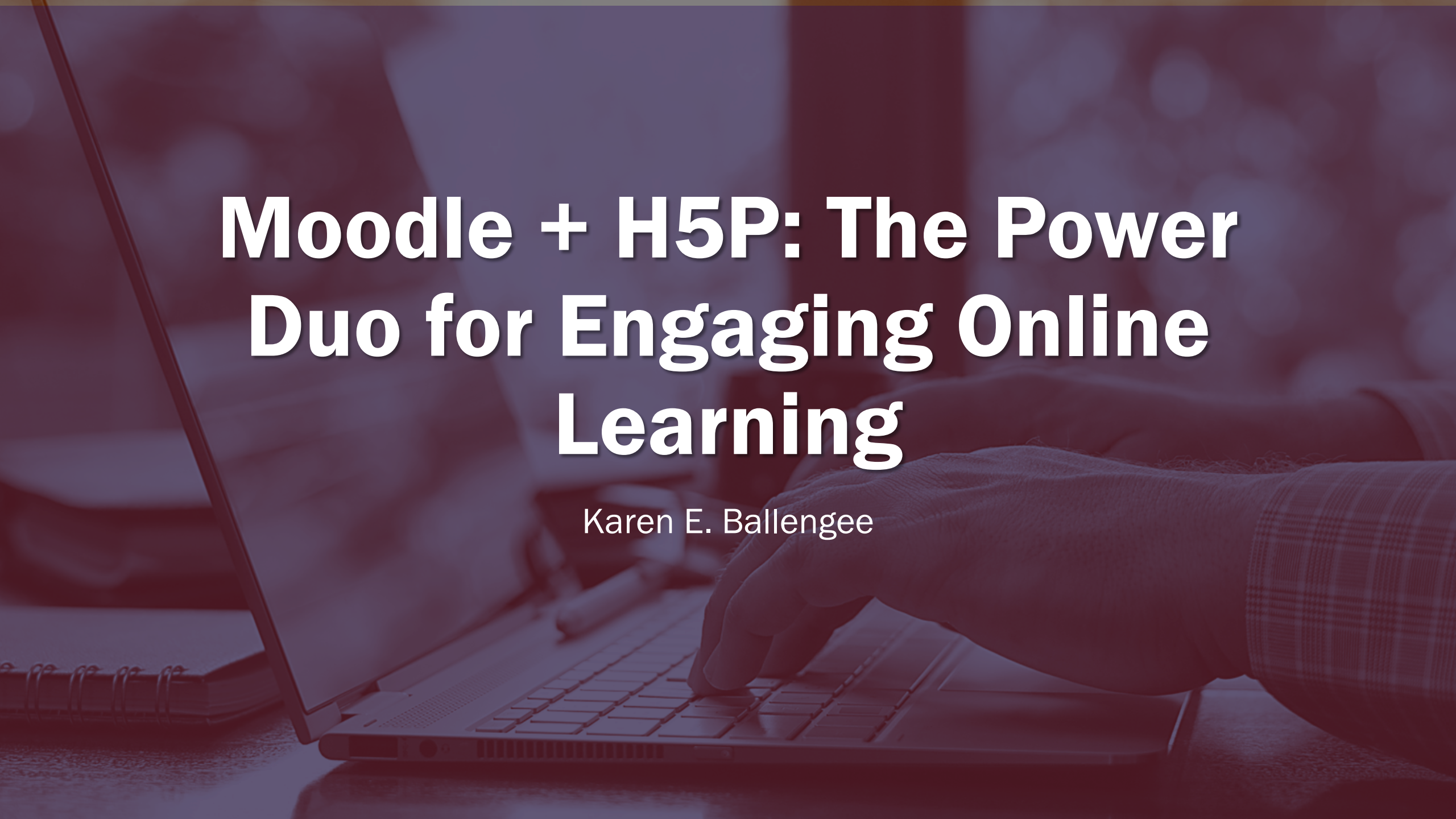


Moodle + H5P: The Power Duo for Engaging Online Learning

Karen E. Ballengee

Agenda

- What is H5P?
- H5P Activities
- Demonstration
- Case Studies

The Online Classroom



The learner focus through technology allows students to become aware of their strengths and weaknesses.



Online learning is more student-directed.



The instructor in an online learning provides guidance and facilitation.

—(Palloff & Pratt, 2007)

What is H5P?

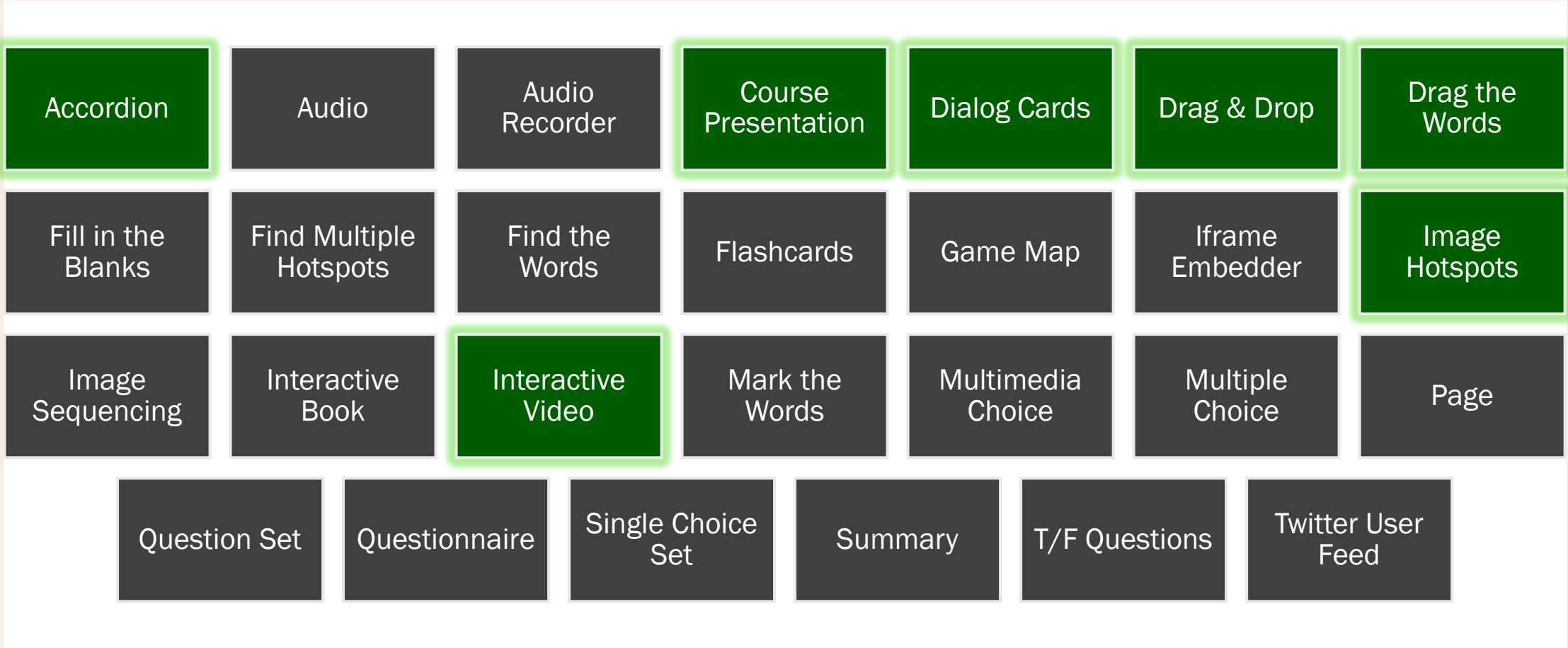
You can use H5P to create, share, and reuse interactive elements.

H5P meets WCAG accessibility standards.

H5P can be imported, exported, edited, and viewed in a browser.

H5P is available in Moodle.

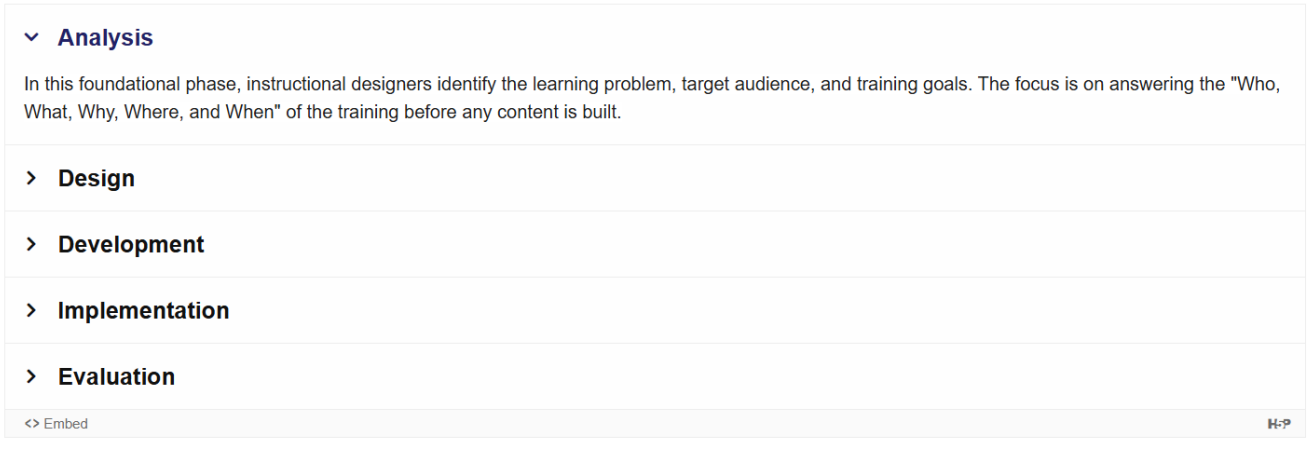
H5P Content



There are over 50 available, but only 27 currently come with our version of Moodle.

Accordion

Use Case: Managing screen space for long documents, creating FAQs, or presenting step-by-step procedures without overwhelming the learner.



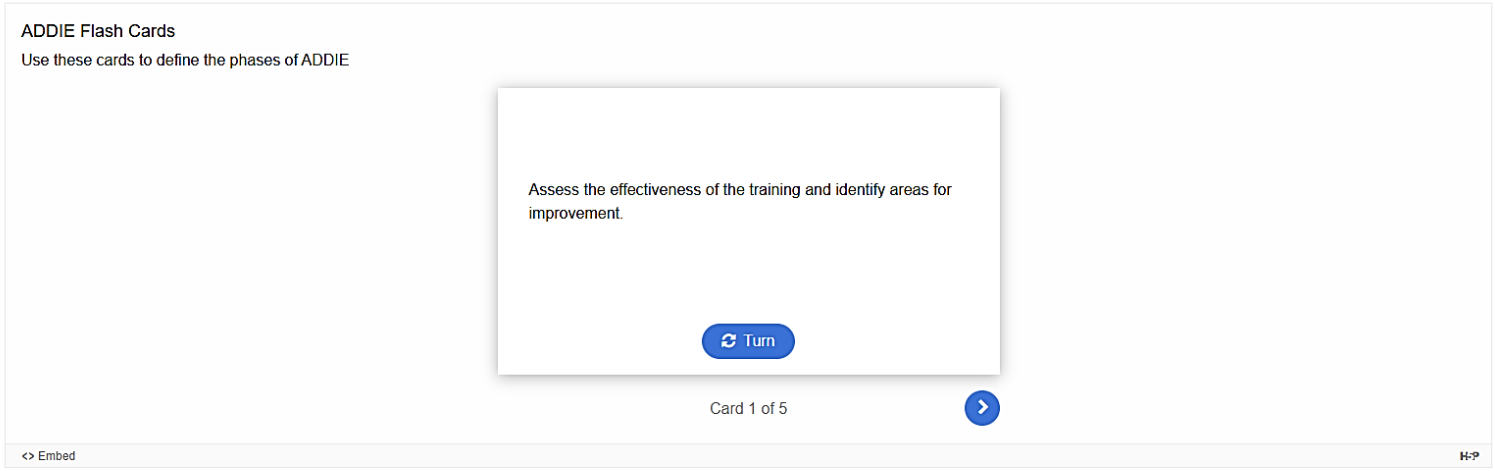
Course Presentation

Use Case: Presenting course information for asynchronous courses in asynchronous course using a variety of content types.



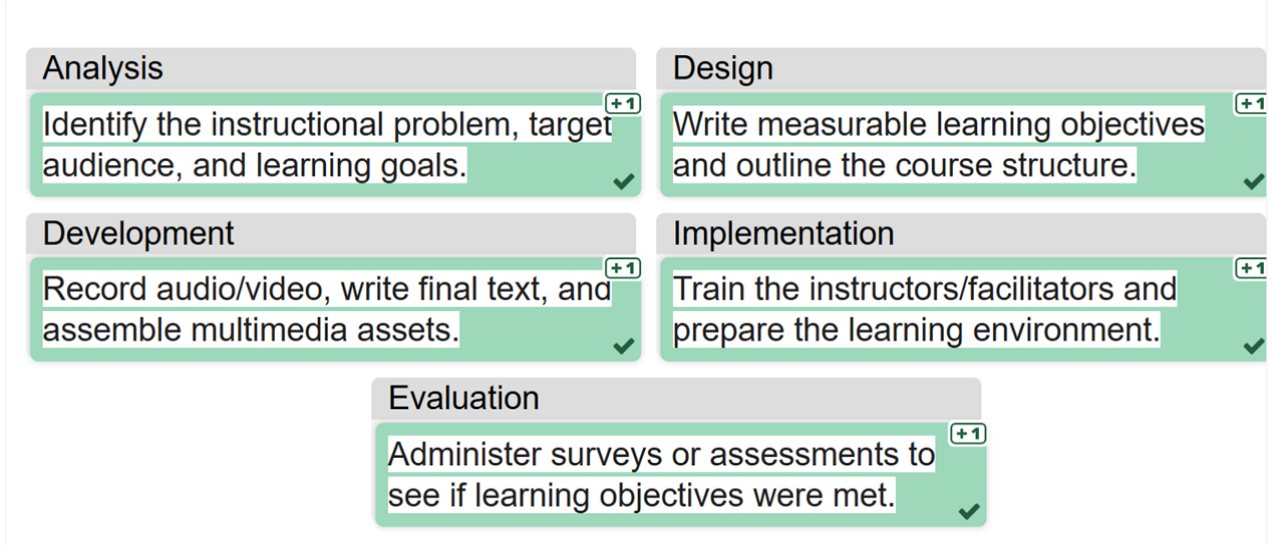
Dialog Cards

Use Case: Flashcards, rote memorization, language learning, or quick terminology reviews.



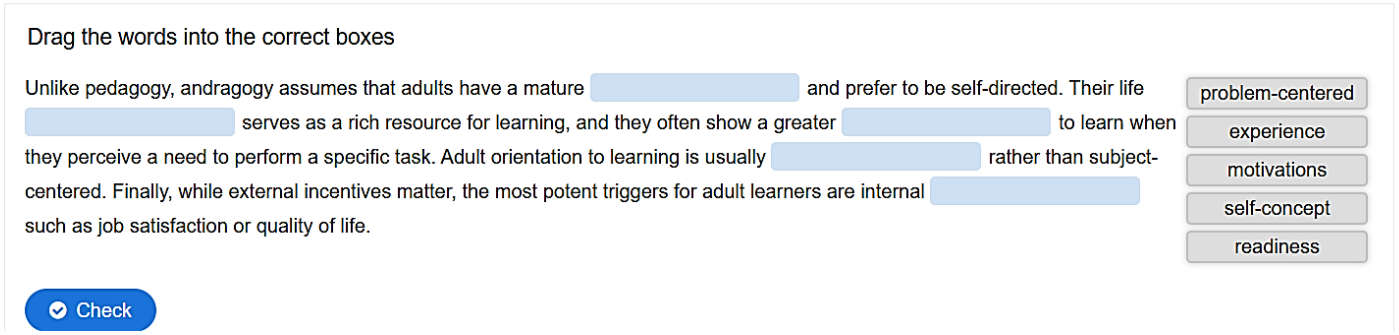
Drag and Drop

Use Case: Categorizing items, assembling workflows, or identifying parts of a system (e.g., matching terms to definitions).



Drag the Words

Use Case: Assess the learner's ability to identify specific terminology based on contextual clues and process descriptions.



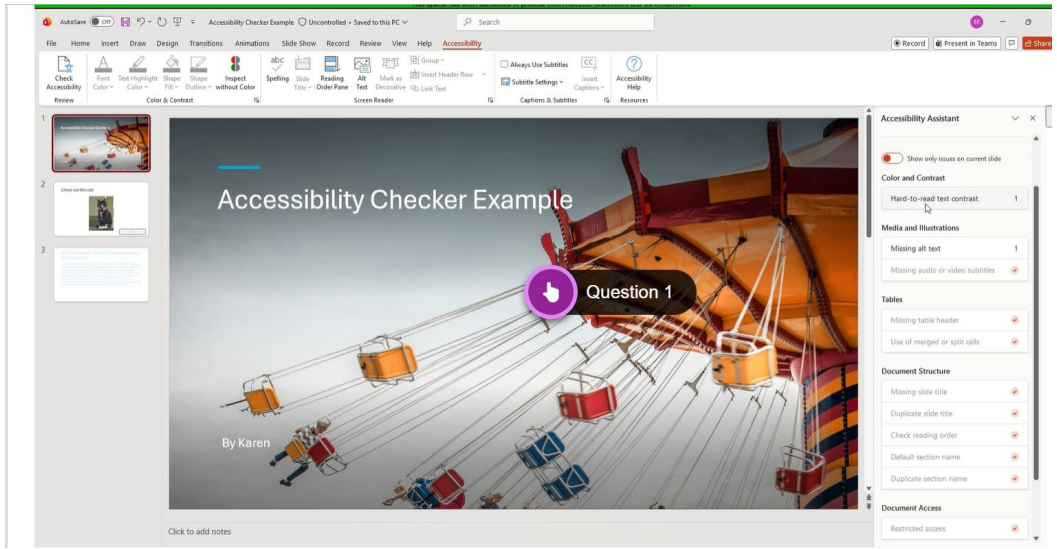
Find Multiple Hotspots

Use Case: Exploring maps, reading complex diagrams, or navigating software interface screenshots

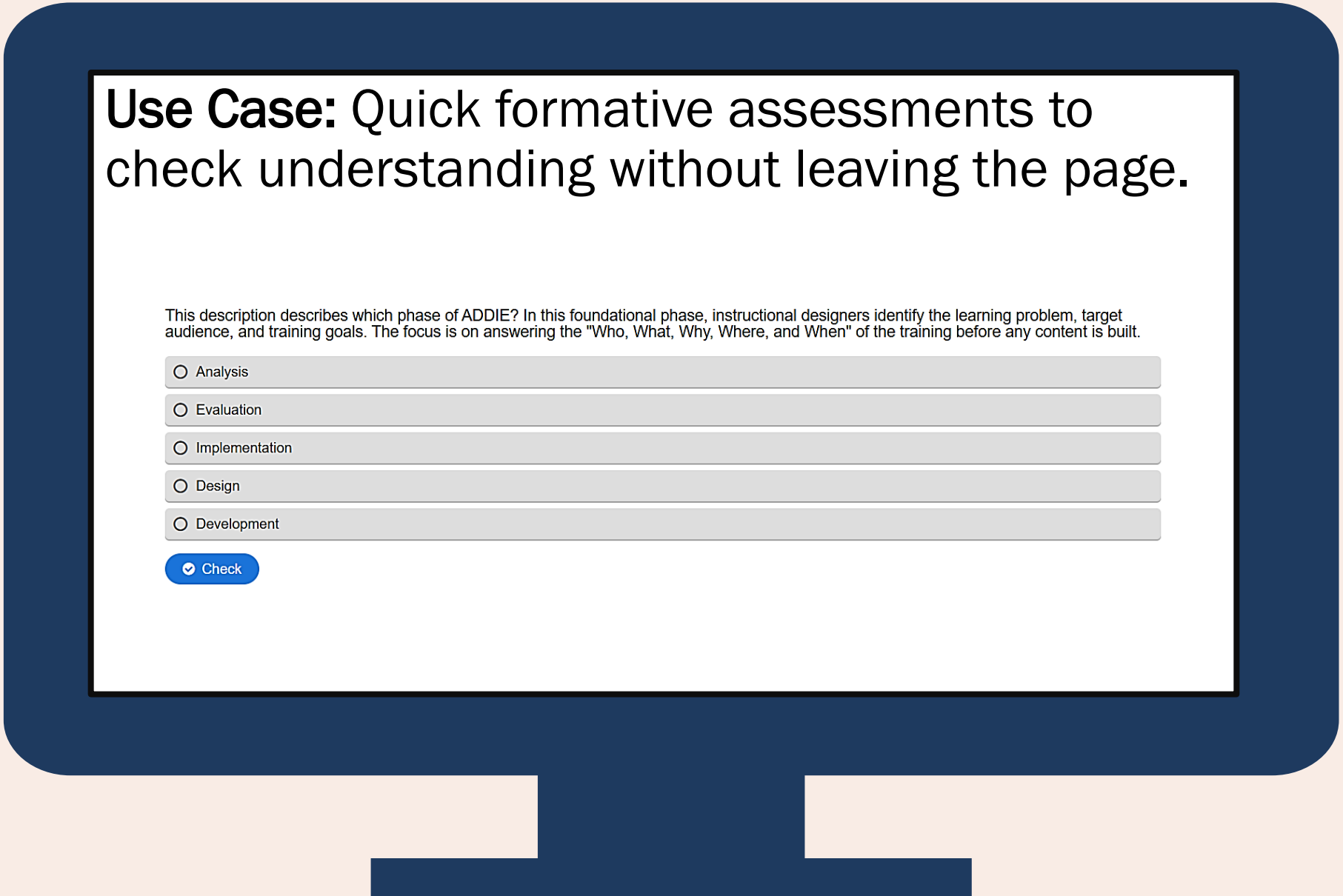


Interactive Video

Use Case: Ensuring learners are actively watching mandatory videos; breaking up long lectures with knowledge checks.



Multiple Choice



Case Study 1

The Problem

Service members are often overwhelmed by "walls of text" in digital manuals, leading to missed details in complex procedures.

- Accordion
- Course Presentation
- Dialog Cards
- Drag & Drop
- Drag the Words
- Image Hotspots
- Interactive Video
- Multiple Choice

Case Study 2

The Problem

Trainees need to identify critical components of a vehicle, weapon system, or piece of hardware, but static 2D images in manuals do not encourage active learning.

- Accordion
- Course Presentation
- Dialog Cards
- Drag & Drop
- Drag the Words
- Image Hotspots
- Interactive Video
- Multiple Choice

Case Study 3

The Problem

Personnel often "passive-watch" video briefings or ethics training, leading to low retention of critical decision-making points.

- Accordion
- Course Presentation
- Dialog Cards
- Drag & Drop
- Drag the Words
- Image Hotspots
- Interactive Video
- Multiple Choice

Summary



WHAT IS H5P?



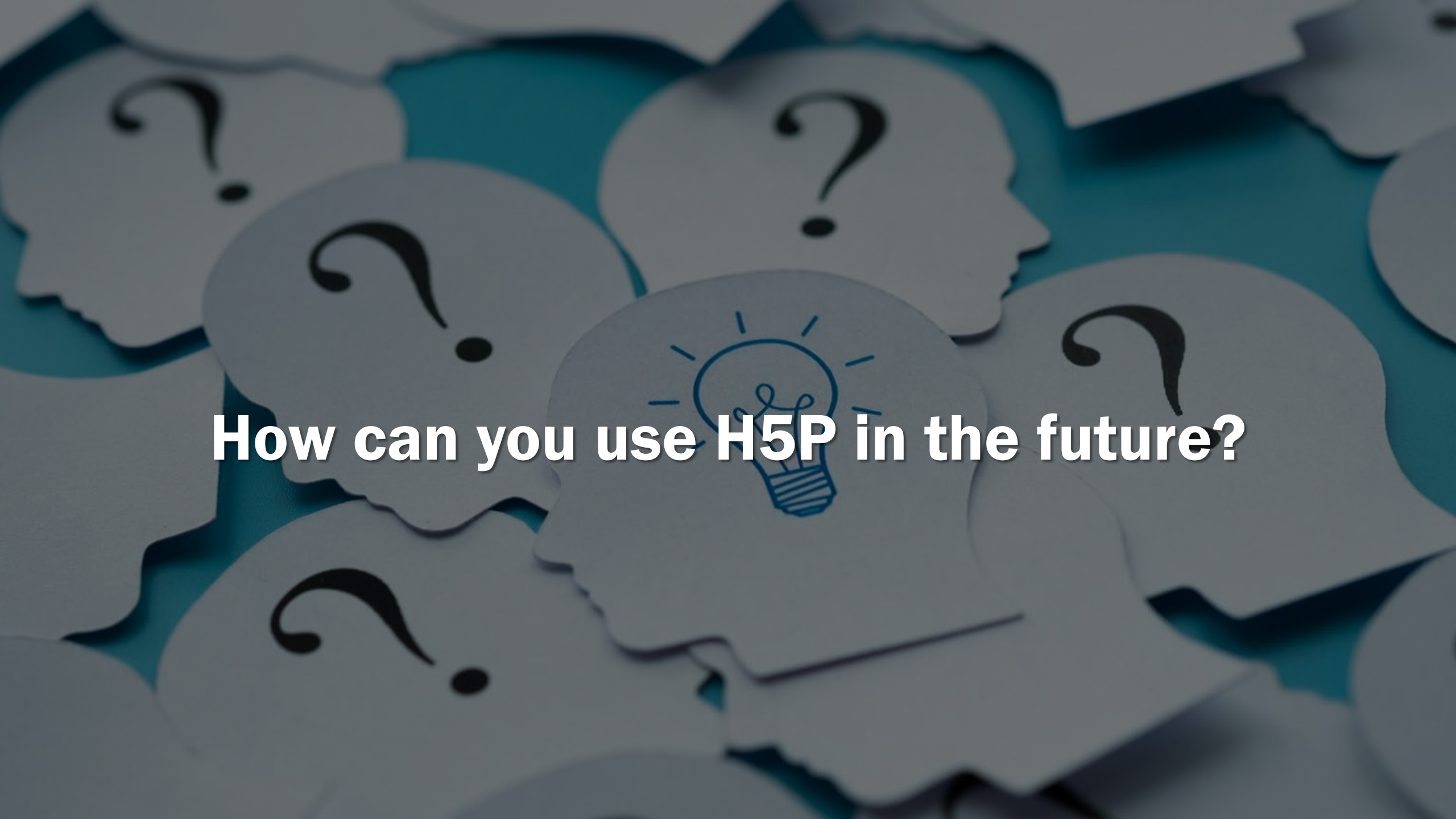
H5P CONTENT



DEMONSTRATION



CASE STUDIES


How can you use H5P in the future?


Questions

Resources

H5P

Moodle H5P

Penn State H5P Guide

What is H5P(and why does your eLearning need it!)

Palloff, R. M., & Pratt, K. (2007). *Building online learning communities: Effective strategies for the virtual classroom* (2nd ed.). Jossey-Bass.