



Hva er H5P og hvordan brukes det i undervisning?

- H5P er et rammeverk for å lage interaktivt innhold til bruk i undervisning.
- H5P: HTML5 Package



Bruksområder

- Beriking av LMS med produksjonsverktøy for interaktivt innhold
- Live engagement tools
- Interaktiv video “Feks bruk til obligatorisk lab gjennomgang”
- Mange forskjellige innholdstyper
- +++



Om utvikler

- Utvikler er Norske Joubel (<https://joubel.com>)
- Var med å bygge opp NDLA
- Brukt ved NTNU siden 2016
- Legger med i Moodle LMS (stor brukerbase der)
- Stor internasjonal brukerbase

To forskjellige produkter

- **H5p.org** (gratis å benytte, men uten LTI, hosting og noe innhold)
- **H5p.com** - Skytjeneste i AWS (betalingstjeneste)
Full pris etter år 3 er for alle ansatte ved NTNU er på 420 671 NOK per år.

H5P.org vs H5P.com :
<https://h5p.org/node/206472>





Accordion

Create vertically stacked expandable items



Advent Calendar (b...

Create an advent calendar



Agamotto

Create a sequence of images that gradually



Arithmetic Quiz

Create time-based arithmetic quizzes



Audio Recorder

Create an audio recording



KewAr Code

Create QR codes for different purposes



Mark the Words

Create a task where users highlight words



Memory Game

Create the classic image pairing game



Multiple Choice

Create flexible multiple choice questions



Personality Quiz

Create personality quizzes



Chart

Quickly generate bar and pie charts



Collage

Create a collage of multiple images



Column

Column layout for HSP Content



Crossword

Create a crossword puzzle



Dialog Cards

Create text-based turning cards



Questionnaire

Create a questionnaire to receive feedback



Quiz (Question Set)

Create a sequence of various question types



Single Choice Set

Create questions with one correct answer



Sort the Paragraphs

Create a set of paragraphs to be sorted



Speak the Words

Answer a question using your voice



Dictation

Create a dictation with instant feedback



Documentation Tool

Create a form wizard with text export



Drag and Drop

Create drag and drop tasks with images



Drag the Words

Create text-based drag and drop tasks



Essay

Create essay with instant feedback



Fill in the Blanks

Create a task with missing words in a text



Find Multiple Hots...

Create many hotspots for users to find



Find the Hotspot

Create image hotspot for users to find



Find the words

Grid word search game



Flashcards

Create stylish and modern flashcards



Speak the Words Set

A series of questions answered by speech



Summary

Create tasks with a list of statements



Timeline

Create a timeline of events with multimedia



True/False Question

Create True/False questions



Virtual Tour (360)

Create interactive 360 environments



Guess the Answer

Create an image with a question and answer



Iframe Embedder

Embed from a url or a set of files



Image Choice

Create a task where the alternatives are images



Image Hotspots

Create an image with multiple info hotspots



Image Juxtaposition

Create interactive images



Interactive Video

Create videos enriched with interactions



Course Presentation

Create a presentation with interactive slides



Branching Scenario

Create dilemmas and self paced learning



Advanced fill the bl...

Fill in the missing words



Image pairing

Drag and drop image matching game



Image Sequencing

Place images in the correct order



Image Slider

Easily create an Image Slider



Impressive Present...

Create a slideshow with parallax effects



Interactive Book

Create courses, books or tests

PC/Mac opptak / opplasting



Avansert Redigering

TechSmith Camtasia™

Mobil opptak / opplasting



Panopto™

zoom

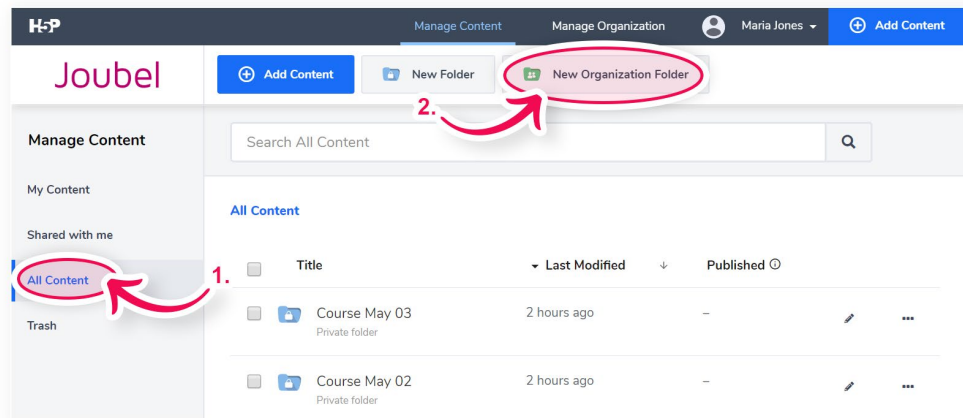
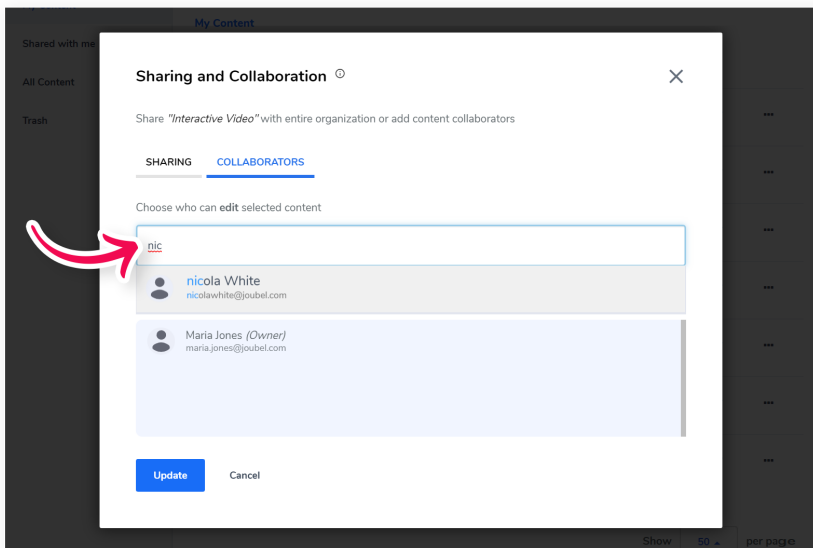
Fjernundervisning

Blackboard
learn+

H5P

Interaktivt innhold

Deling mellom personer og grupper og organisasjoner

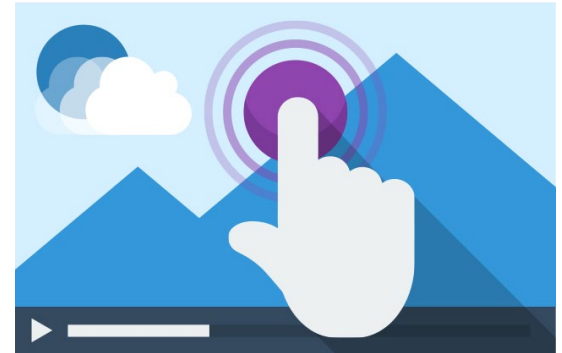


- OER HUB : <https://h5p.org/oer-hub-coming>



H5P på NTNU

- Tjenesteseide: <https://ntnu.h5p.com>
- Supportside: <https://s.ntnu.no/H5P>
- Steg-for-steg beskrivelser av hvordan du lager de forskjellige interaktivitene <https://h5p.org/documentation/for-authors/tutorials>
- Inspirasjon og innføring i de ulike innholdstypene <https://h5p.org/content-types-and-applications>



Integrasjoner og utvikling

- Feide pålogging for bruk utenfor LMS
- Jobber med Zoom App
- Berik Panopto video med H5P
- LMS (Både BlackBoard og Canvas er godt støttet)
- LMS Gradebook



Eksempler på bruk ved NTNU

- 360 bilder: <https://ntnu.h5p.com/content/1291443390573527537>
- Emoji Cloud: <https://ntnu.h5p.com/content/1291412719601187327>
- Interaktiv video: <https://ntnu.h5p.com/content/1291122276191772777>
- Interaktiv bok: <https://ntnu.h5p.com/content/1291535257263368967>