



Creating Interactive Video using H5P

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What is H5P?

- ▶ H5P (= HTML5 Package) is a free and open-source content collaboration framework based on JavaScript.
- ▶ To create, share and reuse interactive HTML5 content. (CC-BY license)
- ▶ Different content types – Interactive videos – Interactive presentations – Image hotspot- Quizzes, Games etc.

Interactive video

- ▶ Make your videos more engaging by adding multiple choice and fill in the blank questions, pop-up text and other types of interactions to your videos.



Why Interactive video ?

- ▶ Students are actually watching video?
- ▶ Provide opportunities for active participation
- ▶ Students can comment and generate discussion around the content
- ▶ Using the analytics (viewing time, response etc.) provided by interactive video platform, teacher can get insights where the learners are struggling etc.

Creating an Interactive video in H5P.org

- ▶ Click “create free account” button to create an account.



Search h5p.org



[Examples & downloads](#)

[Documentation](#)

[Goals & roadmap](#)

[Forum](#)

[Log in](#)

[Create free account](#)

CREATE, SHARE AND
REUSE INTERACTIVE
HTML5 CONTENT IN YOUR
BROWSER



feedback

Creating an Interactive video in H5P.org

- ▶ Fill the information required and click on “create new account” button.

[Create new account](#)

[Log in](#)

[Request new password](#)

Username *

Spaces are allowed; punctuation is not allowed except for periods, hyphens, apostrophes, and underscores.

E-mail address *

A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications

Creating an Interactive video in H5P.org

- ▶ Fill the information required and click on “create new account” button.

Password *

Password strength:

Confirm password *

Provide a password for the new account in both fields. Password must be at least 6 characters.

Description

Creating an Interactive video in H5P.org

- ▶ Fill the information required and click on “create new account” button.

CAPTCHA

This question is for testing whether you are a human visitor and to prevent automated spam submissions.

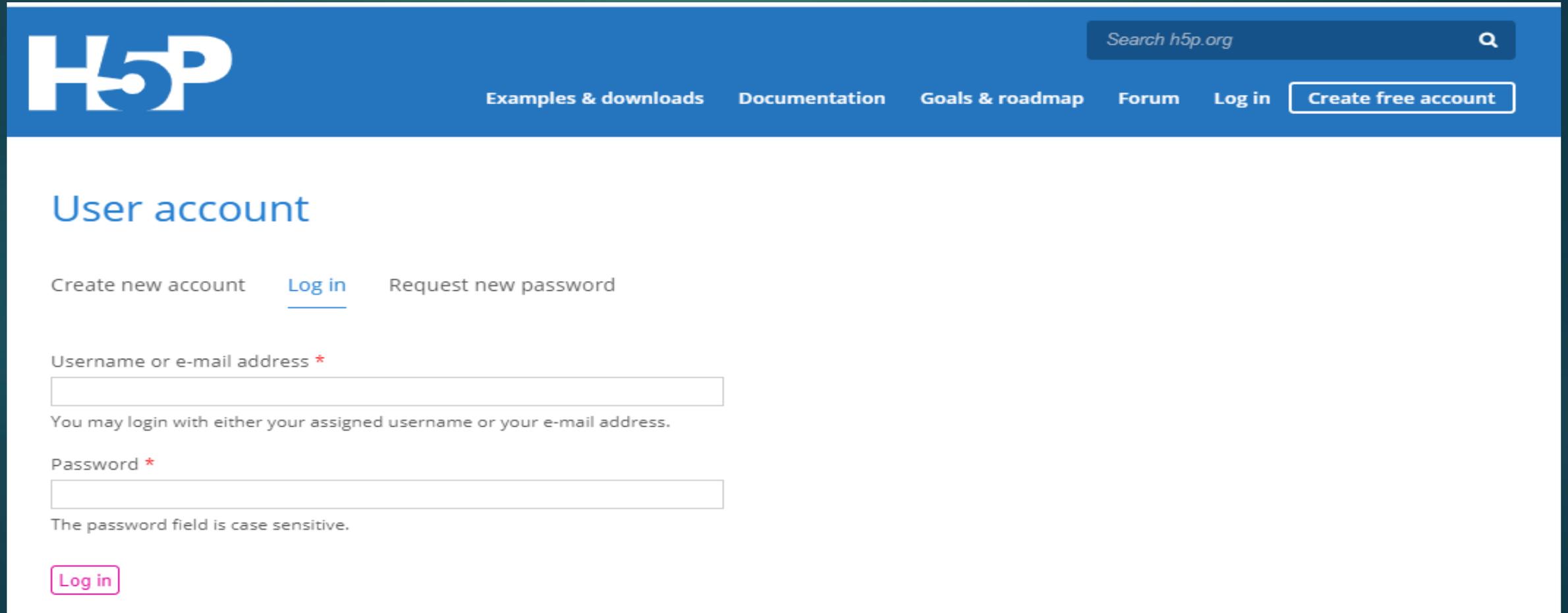
What do you get if you add two and four? Answer is a three letter word. *

Fill in the blank.

Create new account

Creating an Interactive video in H5P.org

- ▶ Login using username and password.



The screenshot shows the H5P.org website's login interface. At the top, there is a blue navigation bar with the H5P logo on the left, a search bar with the text "Search h5p.org" and a magnifying glass icon on the right, and a menu of links: "Examples & downloads", "Documentation", "Goals & roadmap", "Forum", "Log in", and a "Create free account" button. Below the navigation bar, the main content area is white and titled "User account". Under this title, there are three links: "Create new account", "Log in" (which is underlined), and "Request new password". Below these links, there are two input fields. The first is labeled "Username or e-mail address *" and has a text input box. Below it, a note says "You may login with either your assigned username or your e-mail address." The second input field is labeled "Password *" and has a text input box. Below it, a note says "The password field is case sensitive." At the bottom left of the form, there is a pink "Log in" button.

H5P

Search h5p.org

Examples & downloads Documentation Goals & roadmap Forum Log in Create free account

User account

Create new account [Log in](#) Request new password

Username or e-mail address *

You may login with either your assigned username or your e-mail address.

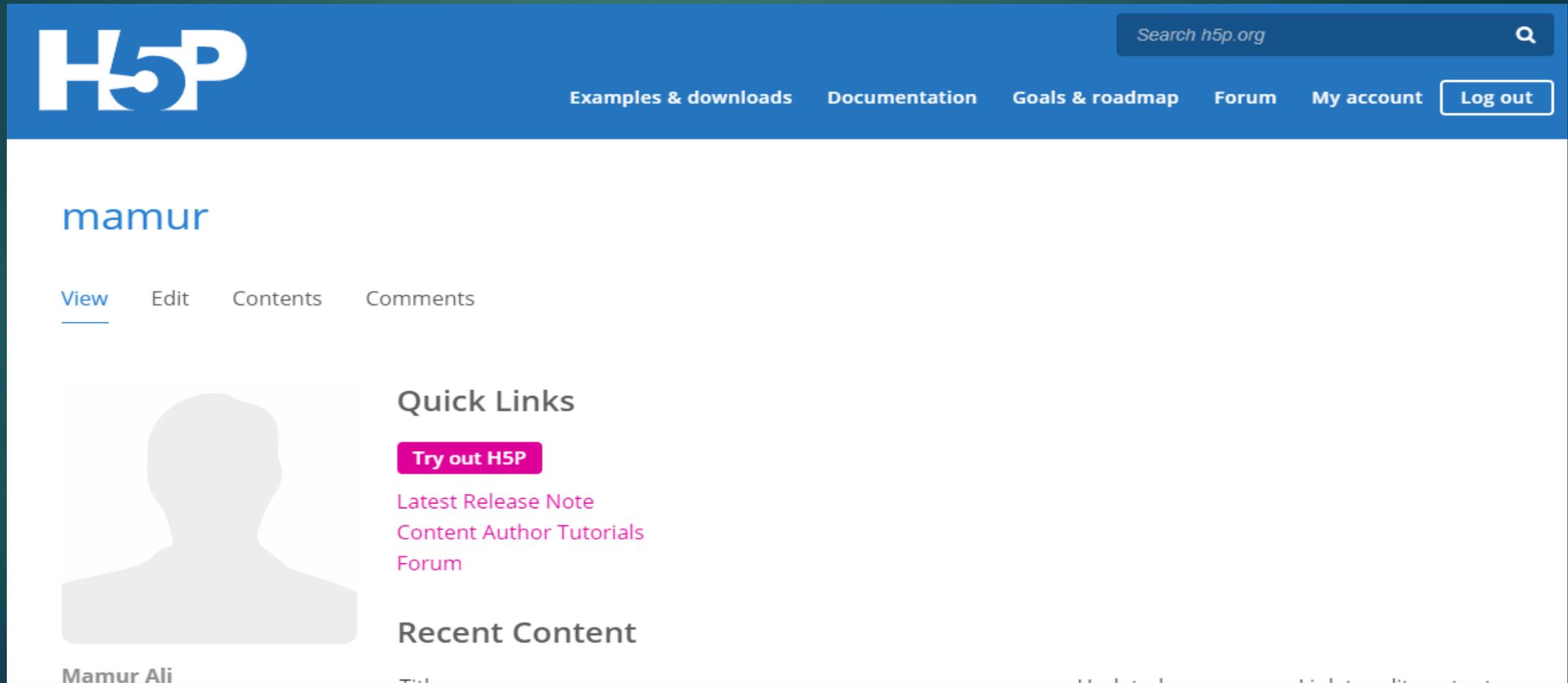
Password *

The password field is case sensitive.

Log in

Creating an Interactive video in H5P.org

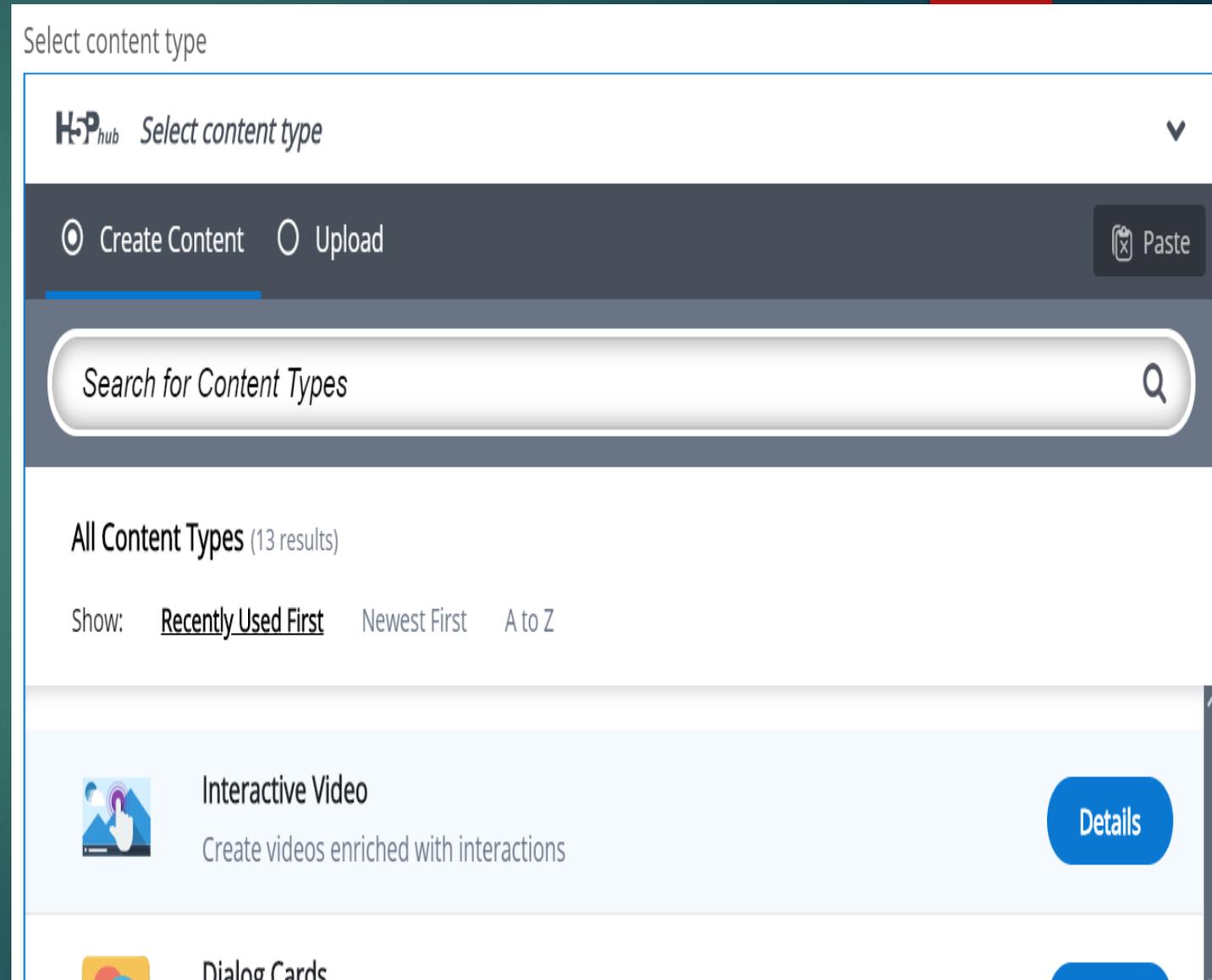
- ▶ Click “Try out H5P” to create new content



The screenshot shows the H5P.org website interface. At the top left is the H5P logo. To its right is a search bar with the text "Search h5p.org" and a magnifying glass icon. Below the search bar is a navigation menu with links for "Examples & downloads", "Documentation", "Goals & roadmap", "Forum", "My account", and a "Log out" button. The main content area displays the user profile for "mamur". Under the name "mamur", there are four tabs: "View" (which is underlined), "Edit", "Contents", and "Comments". To the left of the profile is a placeholder for a profile picture, showing a grey silhouette of a person's head and shoulders. Below the profile picture is the name "Mamur Ali". To the right of the profile picture is a section titled "Quick Links" containing a prominent pink button labeled "Try out H5P". Below this button are three links: "Latest Release Note", "Content Author Tutorials", and "Forum". Below the "Quick Links" section is a section titled "Recent Content".

Creating an Interactive video in H5P.org

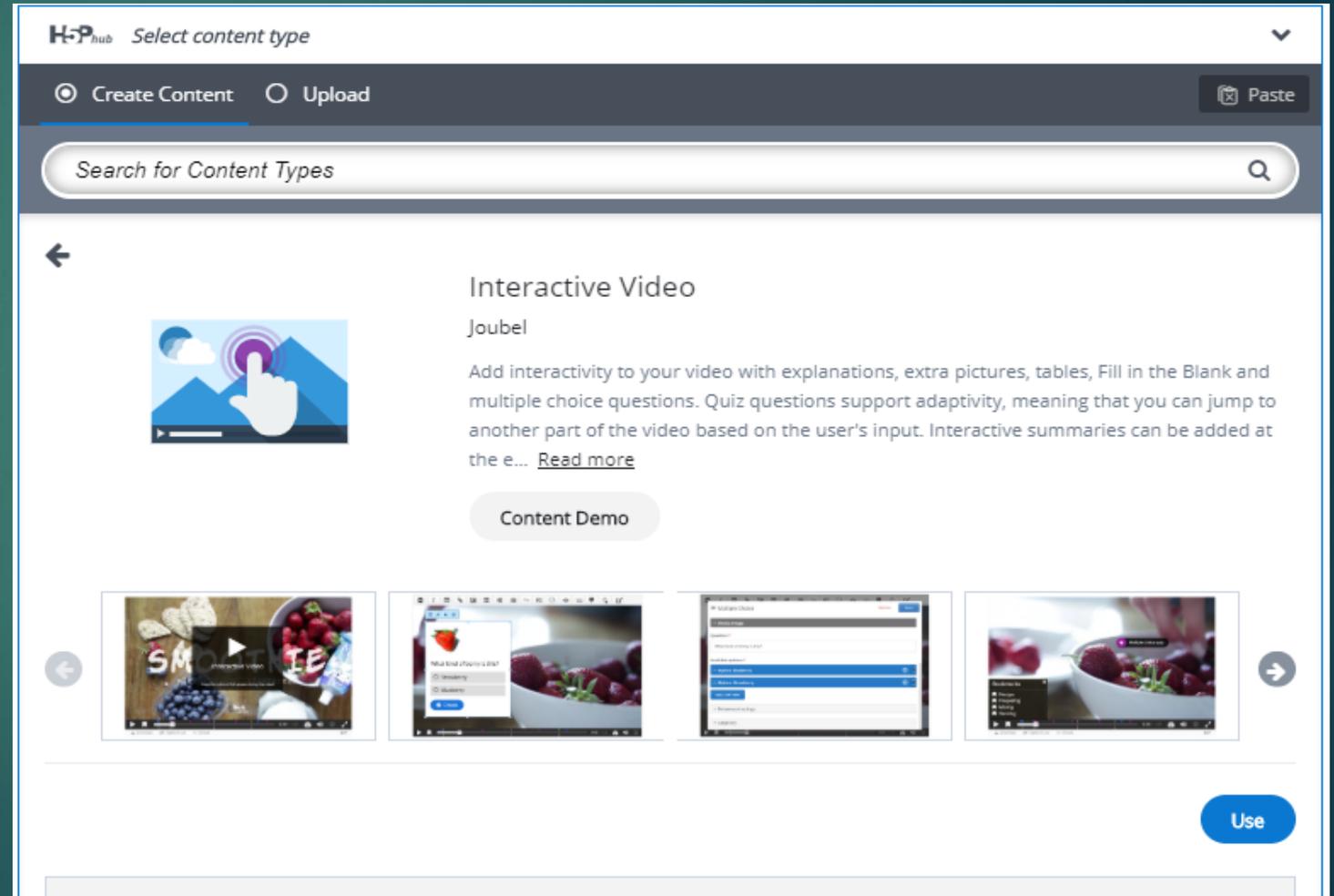
- ▶ Choose **Interactive video** option from the list of Content types or type “interactive video” in search option.
- ▶ Then click on “details” button



The screenshot shows the 'Select content type' interface on H5P.org. At the top, there is a header with the H5P logo and the text 'Select content type'. Below the header, there are two radio buttons: 'Create Content' (which is selected) and 'Upload'. To the right of these buttons is a 'Paste' button. Below the buttons is a search bar with the placeholder text 'Search for Content Types' and a magnifying glass icon. Underneath the search bar, it says 'All Content Types (13 results)'. There are three sorting options: 'Recently Used First' (which is selected), 'Newest First', and 'A to Z'. The first result is 'Interactive Video', which has a small icon of a person pointing at a screen. Below the icon, the text reads 'Interactive Video' and 'Create videos enriched with interactions'. To the right of this text is a blue button labeled 'Details'. The second result is 'Dialog Cards', which is partially visible at the bottom of the screen.

Creating an Interactive video in H5P.org

▶ Click on “use” button .



The screenshot shows the H5P.org 'Select content type' interface. At the top, there are two radio buttons: 'Create Content' (selected) and 'Upload'. To the right is a 'Paste' button. Below this is a search bar with the placeholder text 'Search for Content Types'. The main content area displays a card for 'Interactive Video' by 'Joubel'. The card features an icon of a hand pointing at a video player. The description reads: 'Add interactivity to your video with explanations, extra pictures, tables, Fill in the Blank and multiple choice questions. Quiz questions support adaptivity, meaning that you can jump to another part of the video based on the user's input. Interactive summaries can be added at the e... [Read more](#)'. Below the description is a 'Content Demo' button. At the bottom of the card, there are four video thumbnails showing different interactive video examples. A blue 'Use' button is located at the bottom right of the interface.

Three Tabs: Upload video, Add interactions and Summary task.

▶ Step 1: Upload/embed video.

Interactive Video 

Title * Metadata Tour

Used for searching, reports and copyright information

 *Step 1*
Upload/embed video

 *Step 2*
Add interactions

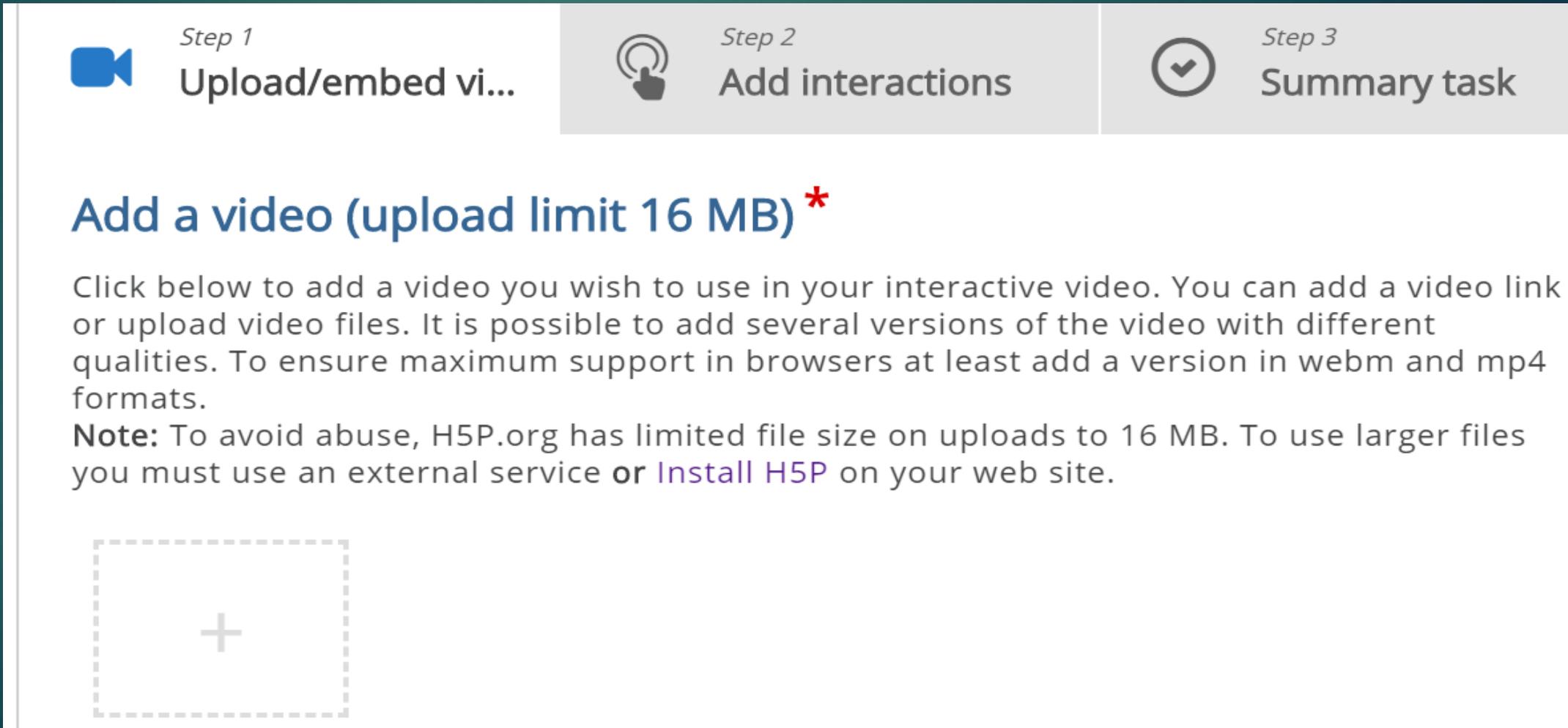
 *Step 3*
Summary task

Add a video (upload limit 16 MB) *

Click below to add a video you wish to use in your interactive video. You can add a video link or upload video files. It is possible

Step 1: Upload/embed video.

▶ Press the “+” button



The screenshot shows a three-step process bar at the top. Step 1, 'Upload/embed vi...', is active and highlighted in white, featuring a blue video camera icon. Step 2, 'Add interactions', is in a greyed-out state with a hand icon. Step 3, 'Summary task', is also greyed out with a checkmark icon. Below the bar, the main content area has a blue heading 'Add a video (upload limit 16 MB)*'. The text below explains that users can add video links or upload files, and that multiple versions with different qualities are allowed. A note specifies a 16 MB upload limit and suggests using external services or installing H5P for larger files. At the bottom, there is a dashed rectangular box containing a plus sign, representing the video upload button.

Step 1
Upload/embed vi...

Step 2
Add interactions

Step 3
Summary task

Add a video (upload limit 16 MB)*

Click below to add a video you wish to use in your interactive video. You can add a video link or upload video files. It is possible to add several versions of the video with different qualities. To ensure maximum support in browsers at least add a version in webm and mp4 formats.

Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger files you must use an external service or [Install H5P](#) on your web site.



Step 1: Upload/embed video.

Add a video link or upload video files.

Step 1 Upload/embed video

Step 2 Add interactions

Step 3 Summary task

Add a video (upload limit 16 MB) *

Click below to add a video you wish to use in your interactive video. You can add a video link or upload video files. It is possible to add several versions of the video with different qualities. To ensure maximum support in browsers at least add a version in webm and mp4 formats.
Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger files you must use an external service or [Install H5P](#) on your web site.

Upload video file



or

Paste YouTube link or other video source URL

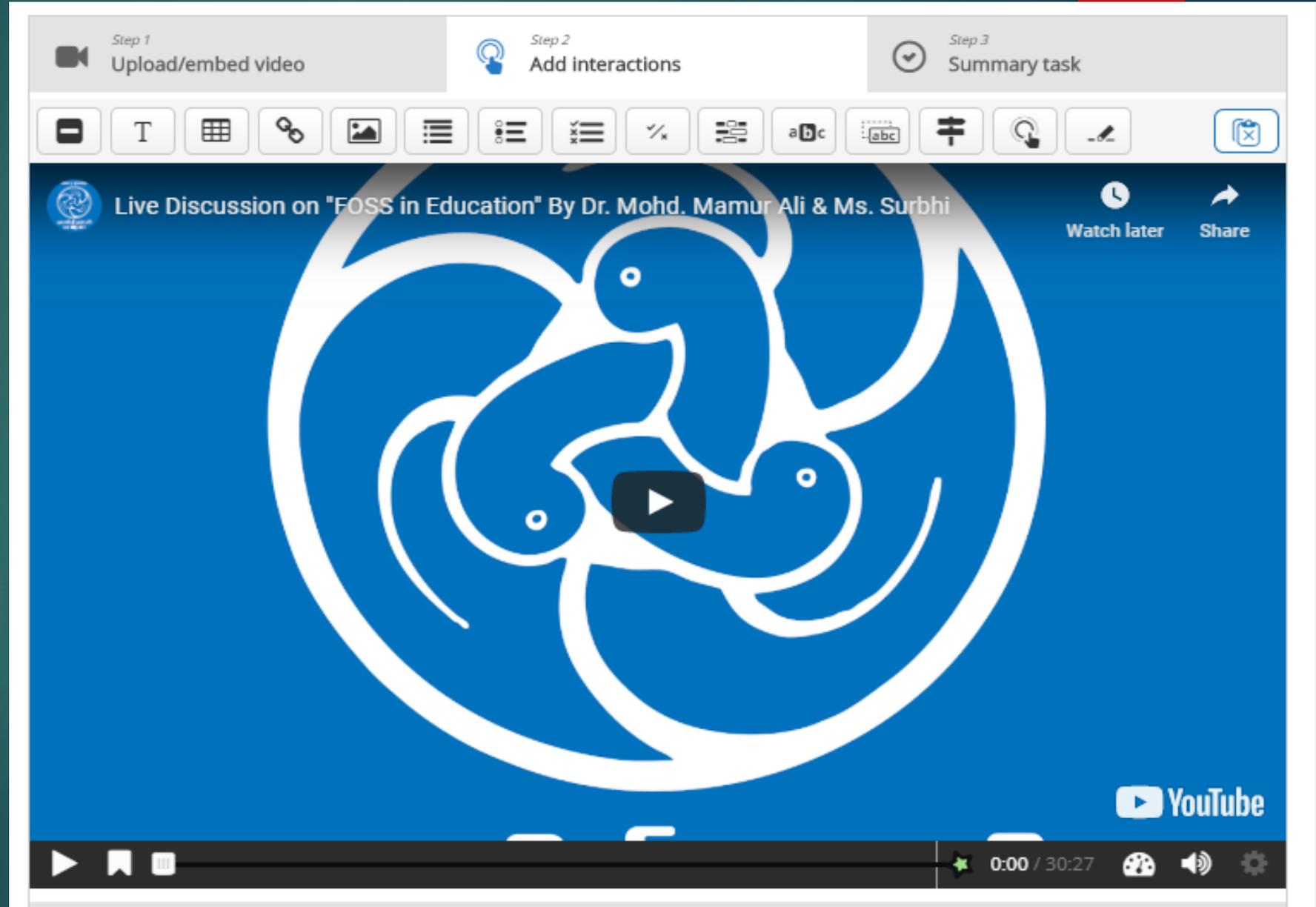


H5P supports all external video sources formatted as mp4, webm or ogv, like Vimeo Pro, and has support for YouTube links.

Insert Cancel

Step 2: Add interactions.

Press
the **Add**
interactions
tab



The screenshot displays a video player interface with three tabs at the top: "Step 1 Upload/embed video", "Step 2 Add interactions" (which is selected), and "Step 3 Summary task". Below the tabs is a toolbar with various icons for video editing and interaction. The main video area shows a blue background with a white circular logo containing three stylized fish. The video title is "Live Discussion on 'FOSS in Education' By Dr. Mohd. Mamur Ali & Ms. Surbhi". In the top right corner of the video area, there are "Watch later" and "Share" buttons. The YouTube logo is visible in the bottom right corner. The video player controls at the bottom show a play button, a progress bar at 0:00 / 30:27, and icons for subtitles, volume, and settings.

Step 2: Add interactions.

Use the **toolbar** to add interactions



Step 1

Upload/embed vi...



Step 2

Add interactions



Step 3

Summary task



T

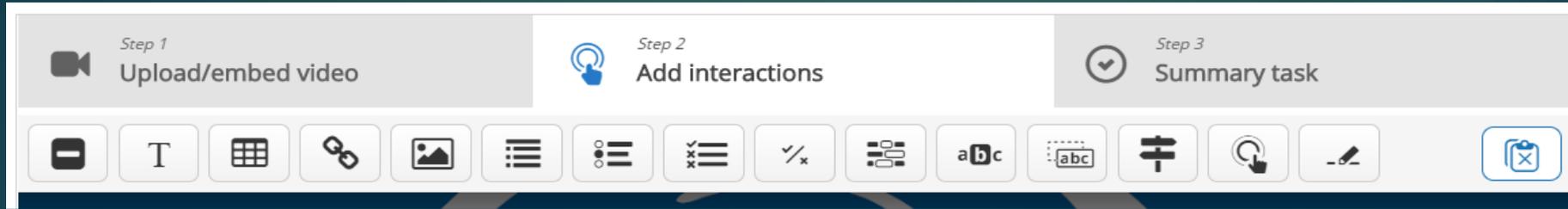


abc

abc



Step 2: Add interactions : Multiple choice item



To add multiple choice item, click on icon  in the toolbar

- Display time
- Pause
- Display as

Step 2: Add interactions :Text based interaction

click on icon in the toolbar



Step 1

Upload/embed vi...



Step 2

Add interactions



Step 3

Summary task



T



abc



Step 2: Add interactions :Text based interaction

Interactive Video

T Text

Delete

Done



Display time *

5:53.988

-

6:03.988

Pause video

Display as



Button



Poster

Button is a collapsed interaction the user must press to open. **Poster** is an expanded interaction displayed directly on top of the video

Step 2: Add interactions :Text based interaction

Label

Label displayed next to interaction icon.

What is FOSS?

Text *

Metadata



B *I* **S** | I_x

☰ ☰ ☰

☰ ☰ ☰

🔗 🗨️

☰ ☰ ☰

Normal



FOSS stands for Free and Open Source Software.

body p

Step 2: Add interactions :Multiple choice item

click on icon in the toolbar



Step 1

Upload/embed vi...



Step 2

Add interactions



Step 3

Summary task



T



abc



Step 2: Add interactions :Multile choice item

Interactive Video Multiple Choice Delete Done

Display time *

6:15.925 - 6:25.925

Pause video

"Full score required" option requires that "Pause" is enabled.

There already exists an interaction that requires full score at the same interval as this interaction.
Only one of the interactions will be required to answer.

Display as

Button

Poster

Step 2: Add interactions : Multiple choice item

- ▶ Create question and its choices
- ▶ Check the option **correct** for answer

Question *

What is the full form of FOSS

Available options *

Free and Open Selection of Software

Text *

Free and Open Selection of Software

Correct

▶ Tips and feedback

Free and Open Source Software

Text *

B *I* \times_2 \times^2 I_x   

Free and Open Source Software

body div

Correct

Step 3: Summary Task

Title *

Metadata

Copy

Paste & Replace

Used for searching, reports and copyright information

Summary

Introduction text *

Will be displayed above the summary task.

Choose the correct statement.

Summary *

Textual

Default

Set of statements

List of statements for the summary - the first statement is correct. *

Statement



FOSS programs are those that have licenses that allow users to freely run the program for any purpose, modify the program as they want, and also to freely distribute copies of either the original version or their own modified version.

Step 3: Summary Task : Overall feedback

Overall Feedback

Define custom feedback for any score range

Click the "Add range" button to add as many ranges as you need. Example: 0-20% Bad score, 21-91% Average Score, 91-100% Great Score!

Score Range *

Feedback for defined score range

0 %	-	40 %	Satisfactory	✕
41 %	-	80 %	Good	✕
81 %	-	100 %	Great	✕

ADD RANGE

Distribute Evenly

Display at *

Number of seconds before the video ends.

5

Step 3: Summary Task : Behavioral settings

Behavioural settings of an interactive video

Start video at

Enter timecode in the format M:SS

Auto-play video

Start playing the video automatically

Loop the video

Check if video should run in a loop

Override "Show Solution" button

This option determines if the "Show Solution" button will be shown for all questions, disabled for all or configured for each question individually.

Override "Retry" button

This option determines if the "Retry" button will be shown for all questions, disabled for all or configured for each question individually.

Start with bookmarks menu open

This function is not available on iPad when using YouTube as video source.

Show button for rewinding 10 seconds

Prevent skipping forward in a video

Enabling this options will disable user video navigation through default controls.

Deactivate sound

Enabling this option will deactivate the video's sound and prevent it from being switched on.

Finishing up

▶ Click “save” button

Show button for rewinding 10 seconds

Prevent skipping forward in a video
Enabling this options will disable user video navigation through default controls.

Deactivate sound
Enabling this option will deactivate the video's sound and prevent it from being switched on.

▶ Text overrides and translations

H5P Options

- Display buttons (download, embed and copyright)
- Allow download
- Embed button
- Copyright button



THANKS

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