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NCERT

Development of Interactive Resources



Interactive Resources

- Refers to digital tools, materials, or content that allow users to engage and interact with the information or activities presented.
- Allows for direct involvement of the learner with the content .
- Multimedia based- combination of “text”, “images”, “audio”, “animations”, “self-test questions” and other interactive activities.
- Encourages the active participation of students.

Need and Scope of Interactive Resources

- ❖ Promote students' active participation and involvement
- ❖ Foster critical thinking
- ❖ Promote self-paced learning
- ❖ Help to overcome learning barriers
- ❖ Encourage sustained engagement and motivation.
- ❖ Increase learning efficiency

Types of Interactive Resources

1. Quizzes, Assessments, and Questionnaires:

- Increase user engagement,
- Help to learn more about the target audience, and
- Provide personalized feedback.

Examples of tools

- Kahoot!
- Quizlet
- Google Classroom etc.,



Types of Interactive Resources (Cont.)

2. Interactive Polls and Surveys:

- ❖ Effectively collect the learners' feedback
- ❖ Understand a learner's preferences
- ❖ Gain insights into their level of learning.

Examples of tools

- ❖ Survey monkey
- ❖ Poll Everywhere



Types of Interactive Resources (Cont.)

3.Virtual Labs :

- ❖ Offered by universities in the form of websites
- ❖ for subjects like biology, chemistry, physics and mathematics.
- ❖ create an engaging experience for learners through intuitive, game-like environments.

Example: PhET Interactive Simulations -Offers *free interactive simulations* in physics, chemistry, mathematics, earth sciences and biology.

Types of Interactive Resources (Cont.)



4. Augmented Reality (AR) and Virtual Reality (VR):

- ❖ Augments the surroundings by adding digital elements to live or real time view, using a smart phone camera.
- ❖ Virtual reality provides an immersive experience, replacing the real-life environment with a simulated one.
- ❖ Example - Quiver App,
 - allows physical coloring to be combined with cool AR technology
 - creates engaging , magical and fun filled learning experience.

Types of Interactive Resources (Cont.)



5. Educational Apps

Examples

- ❖ Duolingo -*free and fun-filled language-learning app* ,uses interactive lessons and gamification.
- ❖ Interactive Whiteboard- Google Jamboard ,digital whiteboard. allows users to collaborate in real-time ,works with G-suite services.

Types of Interactive Resources (Cont.)



6. Digital Storytelling and Multimedia Tools :

- ❖ involves the use of various forms of multimedia, such as videos, images, audio recordings and interactive elements to present ideas and stories,
- ❖ **Adobe Express** - videos, web pages, short videos, social media posts, flyers and graphics can be created on the web.
- ❖ **Storybird** - This resource empowers young writers to create unique stories embedded with beautiful illustrations.

Types of Interactive Resources (Cont.)

7. Coding and Computational Thinking :

Examples

- ❖ **Scratch** -
 - World's largest free coding community for children.
 - platform for learning to code through interactive stories, games, and animations.
- ❖ **Code.org** - Code.org is especially aimed at K-12 computer science students and offers free coding.

Types of Interactive Resources (Cont.)



8. Online Collaborative Tools

Padlet

- Provides a cloud-based software-as-a-service.
- Real-time collaborative web platform.
- Virtual wall for collaborative brainstorming and sharing ideas,

Google Docs

- Free online word processor
- Included as part of Google Suite.
- Allows real-time collaboration-documents, presentations, and spreadsheets.

H5P

- ❖ An open-source framework
- ❖ Allows educators and content creators to create, share, and reuse interactive HTML5 content.
- ❖ H5P stands for HTML5 Package.
- ❖ Designed to create rich and interactive content directly in web browsers
- ❖ Without need for extensive programming knowledge.

Key Features and Uses of H5P

1. **Interactive Content Types:** H5P offers over 45 content types
 - a. Interactive Videos
 - b. Presentations
 - c. Games
 - d. Quizzes and Questionnaires
 - e. Timelines
 - f. Flashcards

Key Features and Uses of H5P(Contd.)



2. Compatibility:

- ❖ Can be embedded in LMS platforms -Moodle, WordPress and Drupal.

3. Open Source and Community Driven:

- ❖ H5P is an open-source software. Freely available to use, modify, and distribute under the terms of the MIT license.

4. Accessibility:

- ❖ Supports features like keyboard navigation, screen reader compatibility and adheres to web accessibility standards.

Key Features and Uses of H5P(Contd.)

5.Engagement and Interactivity:

- ❖ Enhances learner engagement and interactivity.
- ❖ Improves learning outcomes
- ❖ Encouraging active participation and self-assessment.

6.Reuse and Adaptation:

- ❖ One of the strengths of H5P is its ability to facilitate the reuse and adaptation of interactive content.

Lumi

- ❖ **Lumi** is a free open-source interactive content creation and editing frame work.
- ❖ Uses the H5P framework for content creation.
- ❖ Lumi is available online,as well as a desktop application.

General features of Lumi



- Educational Content creation
- Interactive Learning
- Customisation and Personalisation
- Assessment and Progress Tracking
- Accessibility and Inclusivity
- Collaborative Tools
- Teacher/Administrator Tools
- Platform Compatibility

Steps to Download the Lumi App

- ❖ Lumi can be downloaded for free from <https://lumi.education/en/lumi-h5p-offline-desktop-editor/>
- ❖ Options for Windows / macOS/Linux are available.
- ❖ Depending on the operating system, the option for download can be selected and installed.



Home > Lumi H5P Desktop Editor

Lumi H5P Desktop Editor

Download the Lumi H5P Desktop Editor for free

Windows

Download from the Microsoft Store
(recommended)



Download installer for single user
(exe, x64, auto-update)



macOS

macOS
with intel processor



macOS
with Apple Silicon / M1 processor



Linux

Get from the Snap Store
(Ubuntu)



AppImage (x64)



Search



ENG

IN

12:47

21-06-2024

Content types available with Lumi



- ❖ All H5P content types are available with Lumi.
- ❖ The authoring tools can be accessed from Lumi Education.
- ❖ Once the app is downloaded , clicking on the Editor option, users are provided with two choices – *open existing H5P* , or *create new H5P* .



Lumi

Edit Help

Lumi

Update available

H5P Editor

Lumi's H5P Editor is a standalone application that lets you view, edit and create H5P.

START

Lumi Analytics

Lumi's Analytics tool lets you import user reports and visualizes them for you.

START

Lumi Cloud Hub

Search for content or publish your content.

START



Lumi

File Edit Help

← Lumi

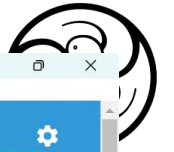
Update available

H5P Editor

Lumi's H5P Editor is a standalone application that lets you view, edit and create H5P.

OPEN EXISTING H5P

CREATE NEW H5P



H5P new H5P ×

Open H5P File

+ New H5P file

VIEW

EDIT






H5P hub *Select content type*

Create Content Paste

Search for Content Types 🔍

All Content Types

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

-  **Interactive Video**
Create videos enriched with interactions Details
-  **Course Presentation**
Create a presentation with interactive slides Details
-  **Multiple Choice**
Create flexible multiple choice questions Details
-  **Quiz (Question Set)**
Create a sequence of various question types Details
-  **Fill in the Blanks**
Create a sequence of fill-in-the-blank questions Details

Update available





The screenshot displays the HSP application interface. On the left, there is a sidebar with options: 'New HSP', 'Open HSP File', and 'New HSP file'. The main window is titled 'HSP Select content type' and contains a 'Create Content' button and a search bar labeled 'Search for Content Types'. Below the search bar, the 'Image Hotspots' content type is highlighted. It includes a description: 'Image hotspots makes it possible to create an image with interactive hotspots. When the user presents a hotspot, a popup containing a header and text or video is displayed. Using the HSP editor, you may add as many hotspots as you like.' There is a 'Content Demo' button and three preview images. At the bottom right, there is an 'Install' button and a 'License' section.



Developing Image hotspots

- ❖ Image hotspots is a free H5P content type
- ❖ Clickable ‘hotspots’ can be added to images.
- ❖ Hotspots can be added with text, images, videos, and links related to that part of the image.
- ❖ Useful for explaining diagrams
- ❖ Turns any static image into an interactive image.

Steps for creating image hotspot

- ❖ Open Lumi
- ❖ Click on H5P editor
- ❖ In the search box,type *image hotspot*
- ❖ Click on *Details* .
- ❖ Click on *use*
- ❖ Lumi will open with two options-*view*, and *edit*
- ❖ For creating the content, use the *Edit* option
- ❖



The screenshot displays the Lumi application interface. At the top, there is a navigation bar with a back arrow, the text 'Lumi', and a settings gear icon. Below this, a secondary bar shows 'VIEW' and 'EDIT' options. The main workspace is titled 'new H5P' and contains a search bar with the text 'image hotspot'. Below the search bar, the 'Image Hotspots' section is visible, featuring a description: 'Image Hotspots makes it possible to create an image with interactive hotspots. When the user presses a hotspot, a popup containing a header and text or video is displayed. Using the H5P editor, you may add as many hotspots as you like.' A 'Content Demo' button is present below the text. At the bottom right, there are 'Update' and 'Use' buttons. The left sidebar includes options for 'Open H5P File' and 'New H5P file'.



- ❖ For preview, use the *view* option.
This is to see how the created content will appear.
- ❖ Add the title to the content that is to be created
- ❖ Then proceed to add the metadata
- ❖ Add the title in the metadata for the resource
- ❖ Select a suitable license, license version
- ❖ Add the year
- ❖ Add the author's name and save the metadata
- ❖ Add a suitable background image by clicking on the *Add* tab
- ❖ Before the above step, download a suitable image (with a creative commons license), or click your own image



Edit View

H-_{hub} Image Hotspots[Tutorial](#)[Example](#)

Copy

Paste & Replace

Image Hotspots

Title * Metadata

Used for searching, reports and copyright information

Background image *

Image shown on background.

[+ Add](#)

Alternative text for background image

If the browser can't load the image this text will be displayed instead. Also used by assistive technologies.

Hotspot Icon *

Predefined icon



← Lumi

H5P new H5P ×

VIEW EDIT

Open H5P File

+ New H5P file

Metadata (sharing and licensing info)

Fill in the fields below Save metadata

Title * Show label for AT

La Gioconda

License * License Version

Undisclosed -

Years (from) Years (to) Source

https://

Author's name Author's role * Save author

Firstname Surname Author

License Extras

Any additional information about the license

Steps to Download an image with Creative Commons License

- ❖ Type the title/name of the image in the Google search box
- ❖ Click on the *images* option in the tools bar
- ❖ On the images page, click on the *tools* option
- ❖ Click on the *usage rights*
- ❖ Click "*Creative Common Licenses.*"
- ❖ Select a suitable image from the images displayed
- ❖ Download and save



Browser tabs: Home shared with you, Yolo, Google Drive, Development of Intestine, mitochondria - Google Search

Search bar: mitochondria

Navigation: All Images Books News Videos More

Filters: Size Color Type Time Usage Rights Advanced Search

Image categories: cell, diagram, structure, drawing, simple, labeled, function, animal cell, plant, real, eHarvest, biology, electron microscope

Search results grid:

- 1** **Prokaryotes Today**
Mitochondria Form, function, and di...
- 2** **Wikipedia**
Mitochondrion - wikipedia
- 3** **ETAT'S**
What is Mitochondria (Structure ...
- 4** **Enigma**
Mitochondrion | Definition, Function ...
- 5** **Wikipedia**
Mitochondrial DNA ...
- 6** **Molecular Expressions**
Molecular Expressions ...
- 7** **Prokaryotes Today**
Mitochondria Form, function, and disease
- 8** **Science Notes**
Mitochondria - Definition, Structure ...
- 9** **ResearchGate**
Structure of mitochondria The ...
- 10** **Animal Diversity**
Mitochondria Structure and Function ...
- 11** **Research Communities by Springer**
Mitochondria and Cellular Signalt...
- 12** **Bio Tools**
Mitochondrial Markers
- 13** **Wikipedia**
Mitochondrion - Wikipedia
- 14** **Medical Images**
Mitochondria
- 15** **Science Facts**
Mitochondria
- 16** **Biology Online**
Mitochondria
- 17** **The Scientist**
Mitochondria
- 18** **Wikipedia**
Mitochondria
- 19** **Connectix**
a Science Store

System tray: 80% battery, Search, Taskbar icons, Date: 11-08-2024

Adding the image to the Lumi app for creating the hotspot



- ❖ Click on the "*Add*" option.
- ❖ Select the saved picture
- ❖ Now start adding the copyright details of the image
- ❖ Click on the *edit copyright* tab
- ❖ In the title box, put the title of the image
- ❖ Add the author's details of the image
- ❖ Paste the URL from which the image is taken in the *source* box
- ❖ Add the license and license version under which the image is provided
- ❖ After adding all the required details, close the *edit copyright* tab.



File Edit Help

← Lumi

H5P new H5P X

Open H5P File

+ New H5P file

H5P Image Hotspots

Tutorial Example Copy Paste & Replace

Image Hotspots

Title * Metadata

Used for searching, reports and copyright information

Background image *

Image shown on background.

+ Add

Alternative text for background image

If the browser can't load the image this text will be displayed instead. Also used by assistive technologies.

Hotspot icon *

Predefined icon

Predefined icon *

Using a predefined icon for the hotspot



Adding copyright details of the image

- ❖ Click on the *edit copyright* tab
- ❖ In the title box, put the title of the image
- ❖ Add the author's details of the image
- ❖ Paste the URL from which the image is taken in the *source* box
- ❖ Add the license and license version under which the image is provided
- ❖ After adding all the required details, close the *edit copyright* tab.



Lumi
File Edit Help

← Lumi

H-P new H5P ×

Open H5P File

+ New H5P file

Used for searching, reports and copyright information

Background image*

Image shown on background.

Title
La Gioconda

Author
Leonardo da Vinci

Year(s)
1503 - 1517

Source
http://en.wikipedia.org/wiki/Mona_Lisa

License*
Undisclosed

License Version*

instead. Also used by assistive technologies.



Adding hotspots to the Image

- ❖ First, add the alternative text for the background image for making the content accessible.
- ❖ Select the hotspot icon, which can be either a predefined icon, or any uploaded image.
- ❖ Select the icon colour.
- ❖ Select the hotspot position by dragging and placing the hotspot icon to the place that you want to describe.
- ❖ Add the optional header for the popup. This is used by assistive technologies.




Lumi
File Edit Help

← Lumi

H5P new H5P ×

Open H5P File

+ New H5P file



Edit image Edit copyright

Alternative text for background image
If the browser can't load the image this text will be displayed instead. Also used by assistive technologies.

Hotspot Icon*
Predefined icon ▾

Predefined icon*
Using a predefined icon for the hotspot.

Plus ▾

- Plus
- Minus
- Times
- Check
- Question
- Info
- Exclamation

Hotspot



Lumi
File Edit Help

← Lumi

H5P new H5P X

Open H5P File

+ New H5P file

Hotspot Icon*

Predefined icon ▾

Predefined icon*

Using a predefined icon for the hotspot.

Plus ▾

Hotspot color

The color of the hotspots

#981d99

cancel Choose

to place the hotspot

Cover entire background image
When the user clicks the hotspot the popup will cover the entire background image

Lumi
File Edit Help

← Lumi


H5P new H5P ×

Open H5P File

+ New H5P file

Hotspot color

The color of the hotspots




Hotspots *

Hotspot

Hotspot position *

Click on the thumbnail image to place the hotspot



Cover entire background image
When the user clicks the hotspot the popup will cover the entire background image

Header

Optional header for the popup. This is used by assistive technologies.

Popup content *

Content Item

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Adding hotspots to the Image (Cont.)

- ❖ Next select the pop-up content that you want to appear on clicking the hotspot.
- ❖ The pop-up content can be either *text, audio, video, or another image.*
- ❖ Choose the one that you would like to add
- ❖ If you need to add text, click on the text option and add the text describing the marked part
- ❖ More than one type of content can be added under one hotspot





File Edit Help


← Lumi

H-P new H5P ×

Open H5P File

+ New H5P file

Click on the thumbnail image to place the hotspot.



🔍

Cover entire background image
When the user clicks the hotspot the popup will cover the entire background image

Header
Optional header for the popup. This is used by assistive technologies.

Mitochondria Cristae

Popup content *

Content Item × ↕

Text ▼ Copy Paste & Replace

Text * Metadata

B I S I_x [List Icons] [List Icons] [List Icons] Normal -

A crista is a fold in the inner membrane of a mitochondrion.

body p strong

Adding hotspots to the Image (Cont.)

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- ❖ Proceed to add the next hotspot by hovering over the hotspot icon.
- ❖ Put it in the required place .
- ❖ Repeat the steps as discussed to add more hotspots.



Adding a video to the hotspot

- ❖ Click on the plus (+) marked in the video source.
- ❖ The video can be uploaded either by clicking the *upload video file* or by pasting the URL of the video in the box marked for it.
- ❖ Paste the URL of the selected video
- ❖ Next, click *Insert*
- ❖ The video now gets inserted in the hotspot selected
- ❖ To check the inserted video, click the Lumi view option and click on the Hotspot icon



File Edit Help

← Lumi

- H5P new H5P ×
- Open H5P File
- + New H5P file

Content Item

Video Copy Paste & Replace

Title * Metadata


Used for searching, reports and copyright information

Video

Video sources *

To ensure that the video works in all browsers you should add both WebM and MP4 formatted sources.

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 and Panopto links.

Add Item Insert Cancel

ADD HOTSPOT



The image shows a screenshot of the Lumi application interface. The main window displays a 3D model of a mitochondrion with a brown outer membrane and red internal cristae. A white pop-up window titled "Mitochondria Cristae" is overlaid on the model, containing a video player. The video player shows a 3D animation of mitochondria with the text "MITOCHONDRIA" in large yellow letters and "3D-ANIMATION" in white at the bottom. The video player also includes a "Watch on YouTube" button and a "Share" icon. The Lumi application's menu bar includes "File", "Edit", and "Help". The "File" menu is open, showing options like "New HSP", "Open HSP", "Save", "Save as...", "Export...", and "Quit". The "VIEW" and "EDIT" tabs are visible at the top of the main window.



Adding another image hotspot

- ❖ click on the **image** option using *add content item*
- ❖ This added image can be used as a magnified image of the marked part.
- ❖ Now add the image
- ❖ Always choose an image with a Creative Commons license and add the metadata
- ❖ Also, be sure to add alternative text for accessibility purposes



← Lumi

H5P new H5P ×

Open H5P File

+ New H5P file

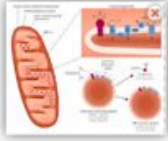
Optional header for the popup. This is used by assistive technologies.

Popup content *

Content Item

Image Image Copy Paste & Replace

Image * Metadata



Edit image

Decorative only

Enable this option if the image is purely decorative and does not add any information to the content on the page. It will be ignored by screen readers and not given any alternative text.

Alternative text *

Required. If the browser can't load the image this text will be displayed instead. Also used by "text-to-speech" readers.

Hover text



Adding another image hotspot (Cont.)

- ❖ To view how the image is inserted, go to the View option of Lumi
- ❖ You can now see that one more hotspot has been added
- ❖ Click on the hotspot once the added image is displayed
- ❖ Never forget to save the created image hotspot.
- ❖ Click on the File option, click the Save option, and save the H5P file in the location of your choice.
- ❖ A static image can be converted into an interactive image using Lumi.



Lumi
File Edit Help

← Lumi

Mitochondria Image Hotspots

Open H5P File

New H5P file

VIEW EDIT

The screenshot displays the Lumi application window. The title bar shows 'Lumi' and standard window controls. Below the title bar is a navigation bar with a back arrow, the text 'Lumi', and a settings gear icon. On the left side, there is a sidebar with a 'Mitochondria Image Hotspots' section, which includes options to 'Open H5P File' and 'New H5P file'. The main area is divided into 'VIEW' and 'EDIT' modes. The central focus is a large, semi-transparent 3D model of a mitochondrion. Two purple circular hotspots with white plus signs are overlaid on the model. An inset window, titled with a close button (X), provides a detailed 2D diagram of a mitochondrion. This diagram includes labels for the 'Outer membrane', 'Inner membrane', 'Matrix', 'Intermembrane space', 'Crista', and 'Crista space'. It also illustrates the structure of the inner membrane with embedded proteins and a small inset showing a protein channel.

Creating an Interactive Crossword Exercise using the Lumi

- ❖ Open the Lumi Desktop editor
- ❖ Click on H5P editor
- ❖ In the search box, type *Crossword*
- ❖ Click on *Details*
- ❖ First-time users need to click **Get** option
- ❖ Then click on **install**
- ❖ Now click on the **Use** option
- ❖ Now, Lumi opens, and two options, *view*, and *edit*, can be seen
- ❖ For creating the content, use the *Edit* option



Lumi

File Edit Help

← Lumi

Mitochondria Image Hotspots

new H5P

Open H5P File

New H5P file

VIEW


EDIT

H5P Hub Select content type

Create Content Paste

cross

Search Results

 **Crossword** Update available [Details](#)

Create a crossword puzzle



Interactive Crossword Exercise (Cont.)

- ❖ Add a title to the content that is to be created
- ❖ Then proceed to add the metadata, as explained in the previous exercise of creating an image hotspot.
- ❖ Describe the task
- ❖ Click on the option marked as , *word*
- ❖ Next, in the *clue* box, type the question
- ❖ In the **answer** box, type the answer
- ❖ If you wish to provide an extra clue, you can add it either as text or image, audio or video, by clicking on the *Extra clue* option



Interactive Crossword Exercise (Cont.)

- ❖ The text, image, audio, or video, as extra clues, can be added by following the steps described in the previous exercise.
- ❖ Now proceed to add the next clue, and answer by repeating steps
- ❖ The required number of clues and answers can be added in this way.
- ❖ Next, to see how the clues and answers function, click on the **view** mode in Lumi



File Edit Help

← Lumi

- Mitochondria Image Hotspots ×
- H-P new H5P ×
- H-P Interactive Bo... Interactive Book ×
- H-P Identify the fu... Crossword ×
- Open H5P File
- + New H5P file

words*

- 1. Powerhouse of t... ×
- 2. Inner membrane ×

+ ADD WORD

Clue*

Clue that should point to the answer.

Inner membrane

Answer*

Answer to the clue.

ATP

Extra clue

Text on grid
Image want to fix the word to a particular position on the grid.
Audio
Video

Copy Paste

Overall solution word

Optionally add a solution word that can be derived from particular characters on the grid. It will only be visible if all its characters can be found in the crossword. Please note: There's no accessibility support for this feature yet.

Overall Feedback

✓ H5P saved!



Interactive Crossword Exercise (Cont.)

- ❖ This crossword puzzle is interactive and
- ❖ provides innumerable attempts for the learner, using the *Retry* option.
- ❖ The learner can also check the attempt by, using the *Check option*.
- ❖ If the learner wishes to know the solution ,the *Show Solution* option is available



Image Pairing

- ❖ One of the H5P content types.
- ❖ Simple and effective activity.
- ❖ In this resource, learners match a pair of related images.
- ❖ This interactive exercise tests the learners for their understanding of the relation between two different images.



Creating Image Pairing

- ❖ Open Lumi
- ❖ Click on H5P editor
- ❖ In the search box, type *Image pairing*
- ❖ Click on *Details*
- ❖ First-time user need to click *Get* option
- ❖ Click on *install*
- ❖ Next click on the *Use* option
- ❖ Lumi opens, and two options, *view*, and *edit* , can be seen
- ❖ For creating the content, use the *Edit* option



The screenshot displays the Lumi application interface. At the top, there is a navigation bar with a back arrow, the text 'Lumi', and a settings gear icon. Below this, a sidebar on the left contains two options: 'Open H5P File' and 'New H5P file'. The main content area is titled 'H5P hub Select content type' and features a 'Create Content' button with a 'Paste' icon. A search bar contains the text 'image pairing'. Below the search bar, the 'Search Results' section lists two items:

- Image Pairing**: Drag and drop image matching game. A 'Get' button is visible.
- Memory Game**: Create the classic image pairing game. A 'Get' button is visible.

The background shows a Windows desktop environment with a taskbar at the bottom containing icons for various applications and system utilities. The system tray shows the time as 15:31 and the date as 25-06-2024.



Creating Image Pairing (Cont.)

- ❖ Now add the Title
- ❖ Add the metadata , as discussed in the previous content types
- ❖ Describe the Task
- ❖ Click on the *Card* option
- ❖ Next proceed to add the image by clicking on the *Add* option under the image
- ❖ Before proceeding further, download a suitable number of images with a Creative Common License
- ❖ Add the alternative text, for accessibility purposes.
- ❖ In the same way , proceed with adding the matching image



Lumi
File Edit Help

← Lumi ⚙️

H5P new H5P ×

📄 Open H5P File

⊕ New H5P file

VIEW EDIT

H5P Hub Image Pairing ⌵

Tutorial Example Copy Paste & Replace

Image Pair

Title * Metadata

Used for searching, reports and copyright information

Task Description *

A guide telling the user how to solve this task.

Cards *

1. Card ×

2. Card ×

+ ADD CARD

Image *

+ Add

Alternative text for Image *

Describe what can be seen in the photo. The text is read by text-to-speech tools needed by visually impaired users.

Windows Taskbar: Search, File Explorer, Microsoft Edge, Google Chrome, PowerPoint, WhatsApp, Telegram, Spotify, ENG IN, 22:48, 01-08-2024



← Lumi

Cards *


- Mitochondria Image Hotspots ×
- H5P new H5P ×
- H5P Interactive Bo... Interactive Book ×
- H5P Identify the fu... Crossword ×
- H5P new H5P ×
- G20 Summit ... Image Pair ×
- Open H5P File
- + New H5P file

1. Picture depicting... ×

2. G 20 India 2023 ... ×

+ ADD CARD

Image *



Edit image Edit copyright


Alternative text for Image *

Describe what can be seen in the photo. The text is read by text-to-speech tools needed by visually impaired users.

Picture depicting Flags of G20 Countries

Matching Image

An optional image to match against instead of using two cards with the same image.



Edit image Edit copyright

Alternative text for Matching Image

Describe what can be seen in the photo. The text is read by text-to-speech tools needed by visually impaired users.



Creating Image Pairing (Cont.)

- ❖ Add the alternative text for this image as well.
- ❖ Next proceed to add the next set of matching images by clicking on the **card 2 option** by repeating step
- ❖ The required number of matching sets of images can be added in this way.
- ❖ To see how the images work, go to the **Lumi View** option



H5P new H5P X

G20 Summit ... X
Image Pair

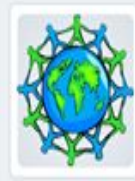
Open H5P File

+ New H5P file

VIEW

EDIT

Drag images from the left to match them with corresponding images on the right



✓ Check



Conclusion

- ❖ Interactive educational resources actively engage learners.
- ❖ Allows learners to interact with the content.
- ❖ significantly enrich the learning experience by engaging students more deeply.
- ❖ Many of these resources are offered as free versions, or trials.
- ❖ Educators to explore and integrate these resources into their teaching-learning.