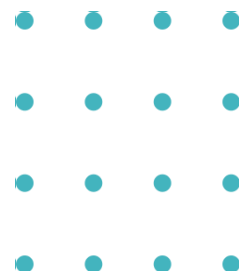


Interactive Resources

AN INTRODUCTION



Mrs. Sushumna Rao Tadinada

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AGENDA

Session-7 (2:00PM-3:30PM)



Interactivity in the teaching-learning process, what and why Interactive Content, How can we create Interactive Content

Session-8 (3:45PM-5:00PM)

H5P

An Introduction to H5P and Explore options to create H5P content - Hands-on activity on Lumi Cloud

Q & A (5:00PM-5:15PM)



Ask me about H5P or OER



What phrase comes to your mind when you think about **interaction in the teaching-learning process?**

Type your phrase on the whiteboard that is shared

Dictionary Definition



DEFINITION

The involvement of users in the exchange of information with computers and the degree to which this happens.

Interactivity in a teaching learning Environment



INTERACTIVITY

- **Learner-Learner**
- **Learner-Teacher**
- **Learner-Content**

Interactivity in a teaching learning Environment



INTERACTIVITY

- **Active Participation**
 - Promote active learning
- **Track learners behaviour**
- **Opportunity to communicate**

Examples of Interactive Content



INTERACTIVE CONTENT

Give examples of any Interactive Content that you use in your teaching-learning environment

Type your phrase on the whiteboard that is shared

Interactive Content



INTERACTIVE CONTENT

- Let the situation demand
 - Content demands
 - Learner needs

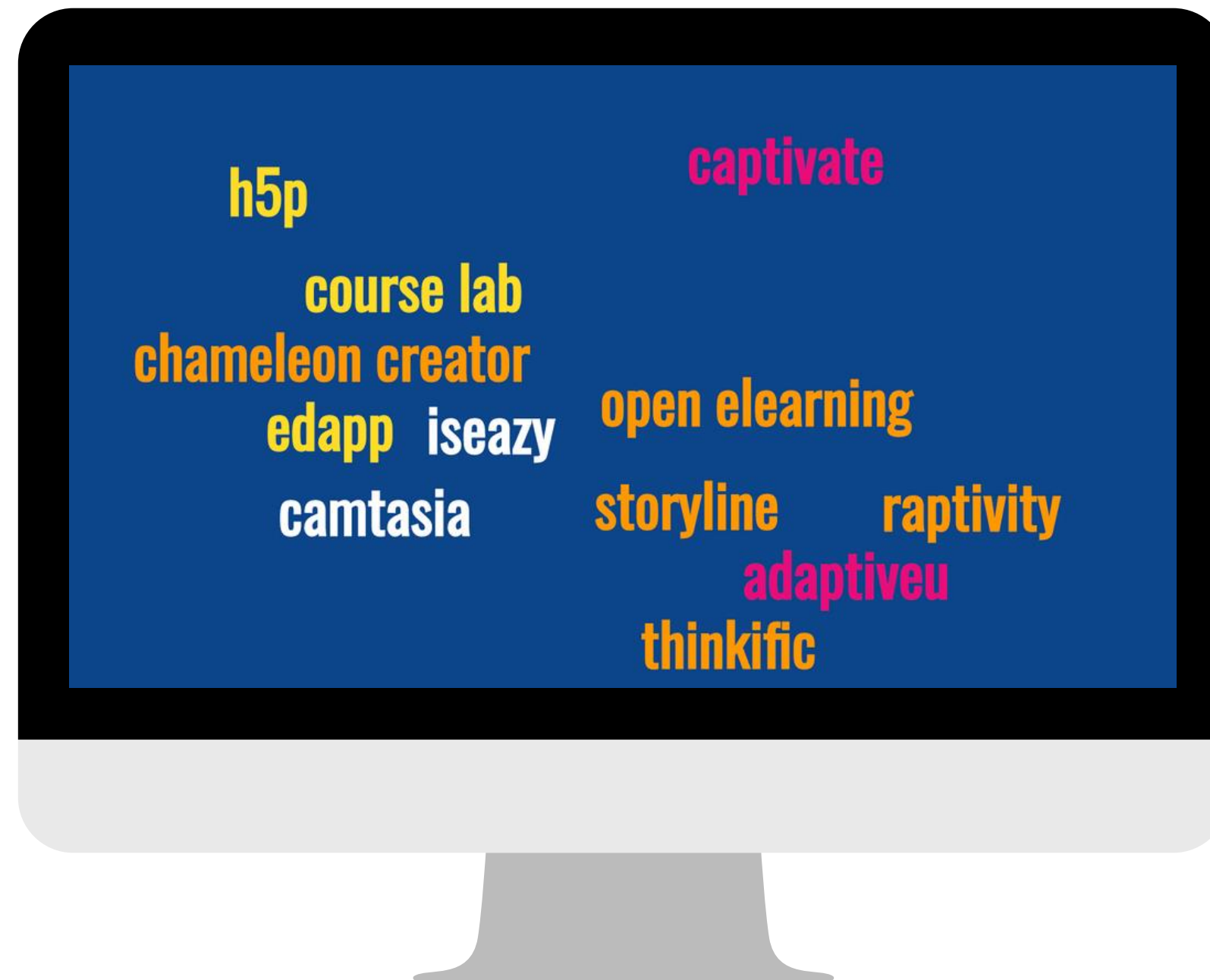
**Avoid adding interactivity just for the sake of it,
please.**

Interactive Content - How to Create?



INTERACTIVE CONTENT

Using Authoring tools



Interactive Content - with H5P



INTERACTIVE CONTENT

H5P

Interactive Content - Why H5P?



H5P



Open-Source

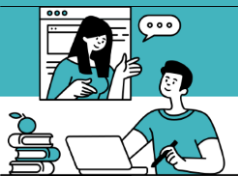


Easy to use, create,
share & modify



Responsive

Interactive Content - Why H5P?



H5P

 **Justwrite**



H5P

What can we do with **H5P**?

Interactive Content - Why H5P?



H5P



Which elements do these symbols represent?

Drag each label to its position

Tungsten
W
Mercury
Hg

Lead
Pb
Silver
Ag



Interactive Content - H5P Content types



H5P



H5P Content types

Impressive Presentation	ImP															
Timeline	TI															
Accordion	Ac															
Agamotto	Arithmetic Quiz	Complex fill in the blanks	True/False Questions	Documentation tool	Essay	Fill in the blanks	Guess the Answer	Multiple Choice	Questionnaire	Single Choice	Summary	Crossword	Image Choice	Sort the paragraphs	Cornell Notes	Structure Strip
Collage	Virtual tour	Find the words	Flash Cards	Find the Hotspot	Memory Game	Multiple Hotspot	Drag and Drop	Drag the words	Image Hotspot	Image Pairing	Image Sequencing	Mark the Words	Personality Quiz			
Chart	Advent Calendar	Ch Acd														
Dialogue Cards	Iframe Embedder	Dc IfE														
Image Slider	KewAr Code	Isl Kew														
Image juxtaposition	IJx															

 Presentation tools	 Edutainment	 Tasks
 Presentat with tasks	 Audio based	 Beta version
 Others (KewAr Code, Iframe Embedder)		

How and where to create H5P Interactive Content?



H5P HOW AND WHERE?



H5P enabled web site

Using a Desktop application Lumi

SaaS Plan from H5P.com

Using Lumi Online

LMS with H5P Plugin (Moodle, Canvas, Blackboard, Brightspace)

In h5pcatalogue.in

H5P.org is the website where all of the activities are demonstrated and documented.

H5P



H5P

Save as HTML / SCORM using
Lumi application

On a LMS / CMS

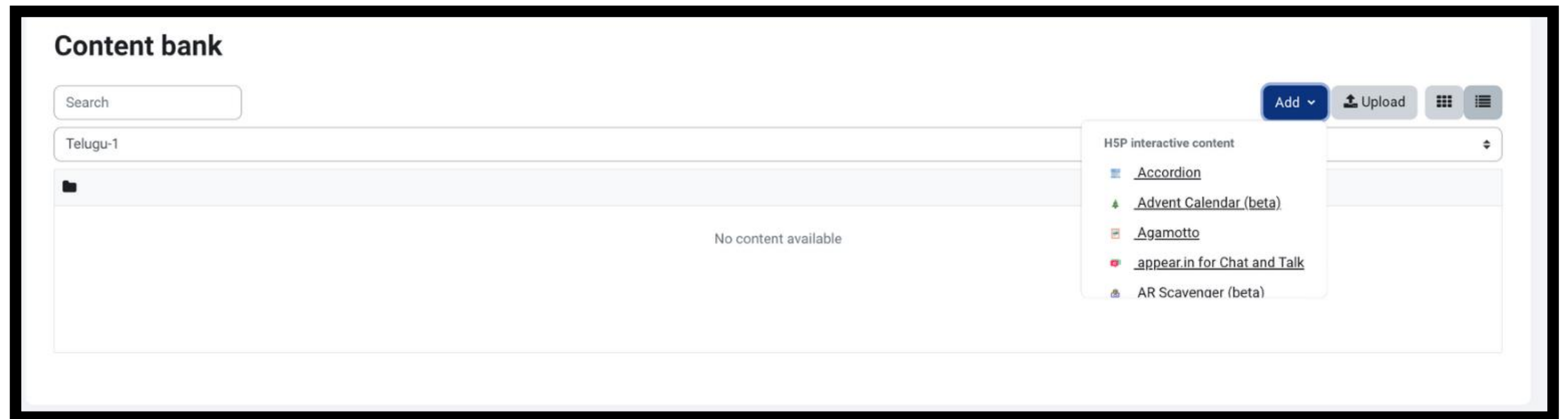
Create, Share, Download &
Reuse

***Respect Copyright**

H5P in Moodle

H5P IN MOODLE

H5P



The screenshot displays the Moodle 'Content bank' interface. At the top left, there is a search bar with the text 'Telugu-1' entered. To the right of the search bar are buttons for 'Add', 'Upload', and a grid/list toggle. A dropdown menu is open under the 'Add' button, listing several H5P interactive content types: 'Accordion', 'Advent Calendar (beta)', 'Agamotto', 'appear.in for Chat and Talk', and 'AR Scavenger (beta)'. The main content area below the search bar is empty and contains the text 'No content available'.

H5P Attempts Tracking in Moodle

H5P IN MOODLE



Attempt options

Some H5P provide attempt tracking data for advanced reporting such as number of attempts, responses and grades. Note: Some H5P don't provide attempt tracking data. In such cases, the following settings will have no effect.

Enable attempt tracking

Grading method

Review attempts

- ✓ Highest grade
- Average grade
- Last attempt
- First attempt
- Don't calculate a grade

- ✓ Participants can review their own attempts
- Participants cannot review their own attempts

My attempts

Highest score attempt

#	Date	Score	Max score	Duration	Completion	Success	Report
1	17 August 2020, 11:28 AM	21	21	1 minutes 22 seconds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	View report

All user attempts

#	Date	Score	Max score	Duration	Completion	Success	Report
1	17 August 2020, 11:28 AM	21	21	1 minutes 22 seconds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	View report
2	17 August 2020, 11:34 AM	2	21	29 seconds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	View report
3	17 August 2020, 11:50 AM	9	21	34 seconds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	View report
4	17 August 2020, 11:50 AM	0	21	9 seconds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	View report

Lumi Desktop Application

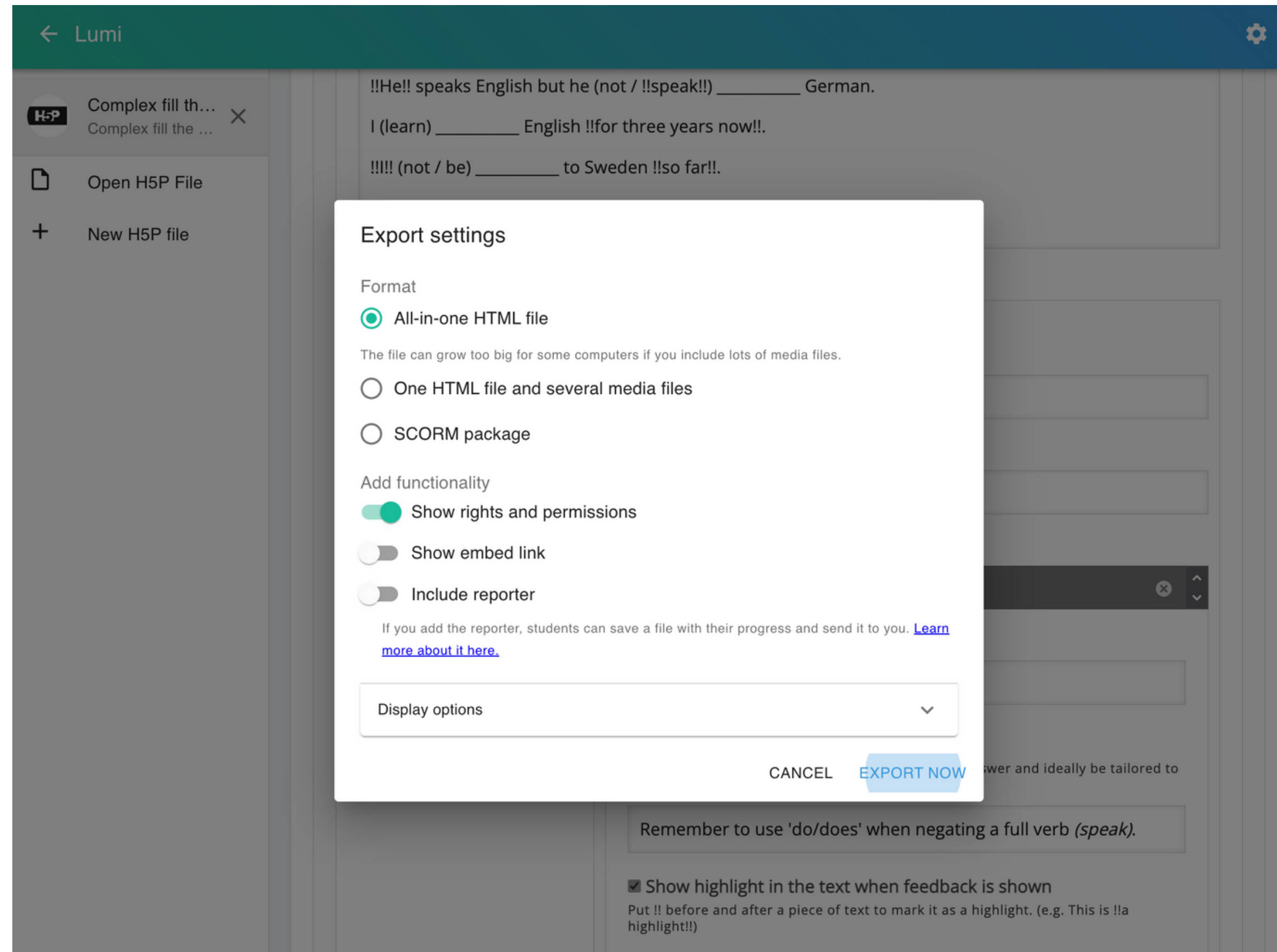
LUMI-DESKTOP APPLICATION



The screenshot displays the Lumi Desktop Application interface. At the top, a teal header bar contains a back arrow, the text "Lumi", and a settings gear icon. Below the header, a navigation bar includes a "VIEW" button with an eye icon and an "EDIT" button with a pencil icon. On the left, a sidebar menu shows a "new H5P" tab with a close button, and two main options: "Open H5P File" with a document icon and "New H5P file" with a plus icon. The main content area is titled "H5P hub Select content type" and features a "Create Content" button with a plus icon and a "Paste" button with a clipboard icon. A search bar labeled "Search for Content Types" is positioned below. Under the heading "All Content Types", there are three sorting options: "Show: Popular First", "Newest First", and "A to Z". The content list includes three items, each with an icon, a title, a description, and a "Details" button: "Interactive Video" (Create videos enriched with interactions), "Course Presentation" (Create a presentation with interactive slides), and "Multiple Choice" (Create flexible multiple choice questions).

Lumi Desktop Application - Export Options

LUMI-DESKTOP APPLICATION

The Lumi logo is a teal circle with the word "Lumi" in white, sans-serif font.The screenshot shows the Lumi Desktop Application interface. On the left, there is a sidebar with a back arrow, the text "Lumi", and a settings gear icon. Below this, there are three items: "Complex fill th..." with a close button, "Open H5P File", and "New H5P file". The main area displays a text editor with the following content: "!!He!! speaks English but he (not / !!speak!!) _____ German.", "I (learn) _____ English !!for three years now!!.", and "!!!! (not / be) _____ to Sweden !!so far!!.". An "Export settings" dialog box is open in the center, containing the following options: "Format" with "All-in-one HTML file" selected; "Add functionality" with "Show rights and permissions" selected and "Show embed link" and "Include reporter" unselected; and a "Display options" dropdown menu. At the bottom of the dialog are "CANCEL" and "EXPORT NOW" buttons. The background text editor also shows a note: "Remember to use 'do/does' when negating a full verb (speak)." and a checkbox for "Show highlight in the text when feedback is shown" with a description: "Put !! before and after a piece of text to mark it as a highlight. (e.g. This is !!a highlight!!)".

Lumi Desktop Application - Analytics

LUMI-DESKTOP APPLICATION

Lumi

Name	Fill in the blanks with "a, an, or the" wherever necessary	Fill in the Blanks with suitable prepositions (of, on, among, beside, with, inside)	Fill in the blanks with appropriate form of the verb given in the brackets.	Write the words in English for the given Phonetic Transcription	Average
	33 %	28 %	42 %	33 %	34 %
Sarala	33 %	0 %	42 %	33 %	27 %
Ameena	33 %	0 %	42 %	33 %	27 %
Janaki	33 %	83 %	42 %	33 %	48 %

<https://app.lumi.education/>

Lumi

The screenshot displays the Lumi Cloud application interface. At the top, there is a navigation bar with the Lumi logo, a search bar, and buttons for 'Home', 'Login', and 'Register'. The main content area features a large teal background with the text 'Make education accessible, individual and exciting.' Below this, there is a sub-header 'Create interactive and engaging content. Discover content from other creators or share your own content. Make your content available for your learners.' and two buttons: 'Lumi Desktop' and 'Lumi Cloud'. The central focus is a chemistry lesson titled 'Ziehe die richtigen Atommodelle in die freien Lücken des Periodensystems.' (Drag the correct atom models into the free spaces of the periodic system). The lesson includes a periodic table with three periods and eight groups, and a set of atom models to be placed in the empty cells. A 'Überprüfen' (Check) button is located below the periodic table.

app.lumi.education

Home Search Login Register

Make education accessible, individual and exciting.

Create interactive and engaging content. Discover content from other creators or share your own content. Make your content available for your learners.

[Lumi Desktop](#) [Lumi Cloud](#)

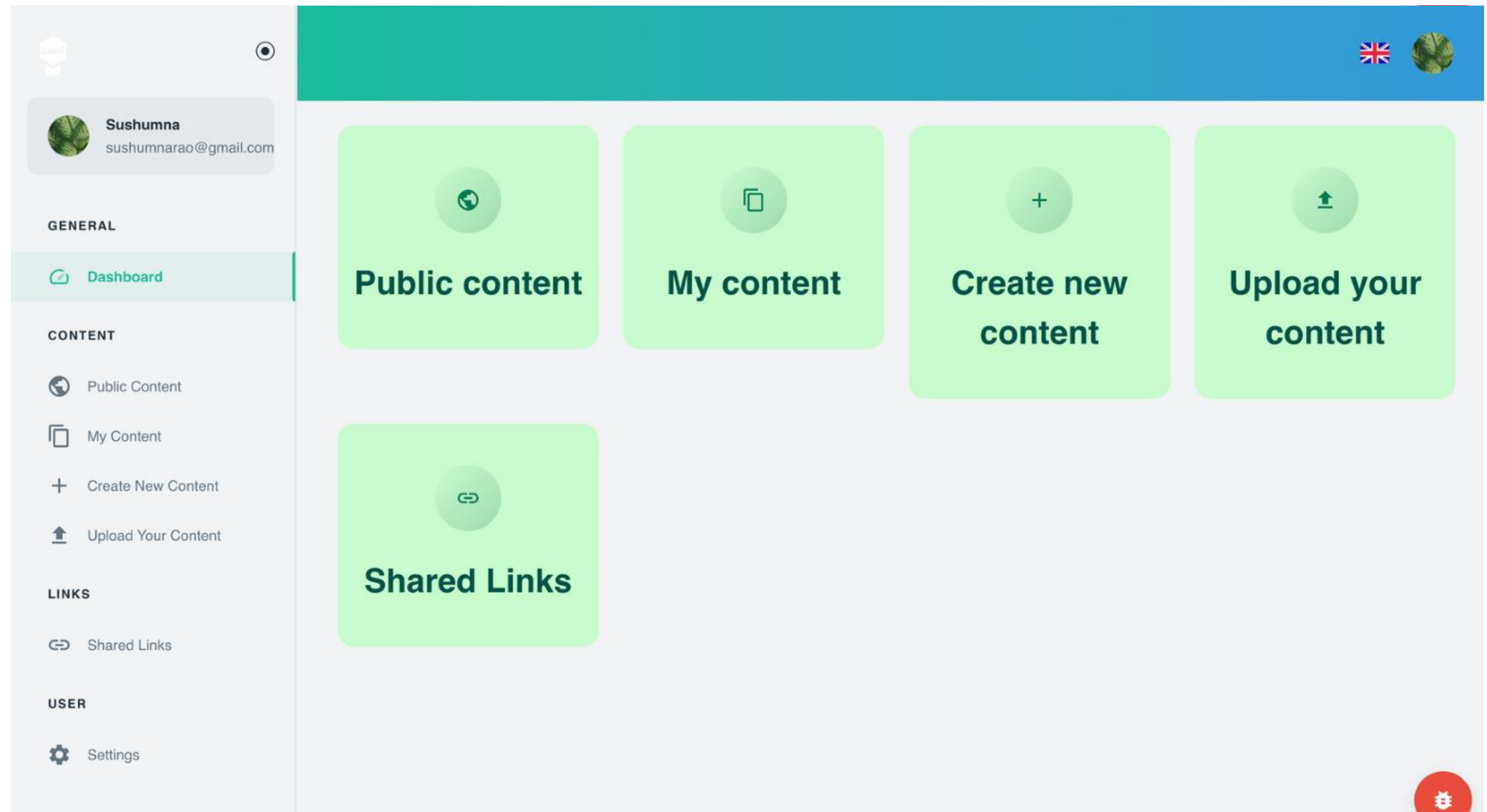
Ziehe die richtigen Atommodelle in die freien Lücken des Periodensystems.

	1. HG	2. HG	3. HG	4. HG	5. HG	6. HG	7. HG	8. HG	
1. Periode	1 H							2 He	K-Schale
	Wasserstoff							Helium	
2. Periode	3 Li	4 Be	5 B	6 C	7 N	8 O	9 F	10 Ne	L-Schale
	Lithium	Beryllium	Bor	Kohlenstoff	Stickstoff	Sauerstoff	Fluor	Neon	
3. Periode	11 Na	12 Mg	13 Al	14 Si	15 P	16 S	17 Cl	18 Ar	M-Schale
	Natrium	Magnesium	Aluminium	Silicium	Phosphor	Schwefel	Chlor	Argon	

[Überprüfen](#)

Lumi Cloud Interface

LUMI-CLOUD



Lumi Cloud Interface - H5P Editor

LUMI-CLOUD



The screenshot displays the Lumi H5P Editor interface. On the left is a sidebar menu with sections: GENERAL (Dashboard), CONTENT (Public Content, My Content, Create New Content, Upload Your Content), LINKS (Shared Links), and USER (Settings). The main area is titled "Edit" and shows a "Drag and Drop" task. The task title is "సుగంధద్రవ్యాల పేర్లను గుర్తించండి. (Identify these spices)". Below the title are two steps: "Step 1 Settings" and "Step 2 Task". The "Settings" step includes a "Background image" section with an "Add" button and a "Task size" section with input fields for "620" and "310". On the right, there are metadata settings: "Public (CC BY-SA)" is toggled on, "Meta keywords" include "Telugu" and "Spices", and "Spice names" is a dropdown. A "Share A Link" section shows a URL and a "Share A Link" button. At the bottom right, there are "Delete", "Download", "Save", and "Cancel" buttons, along with a red bug report icon.

H5P Hands on Session

LUMI-CLOUD



H5P

- Plan well
- Assessment type
- LOTS/HOTS
- Pictures
- Math / Chem symbols(equations)

H5P Hands on Session

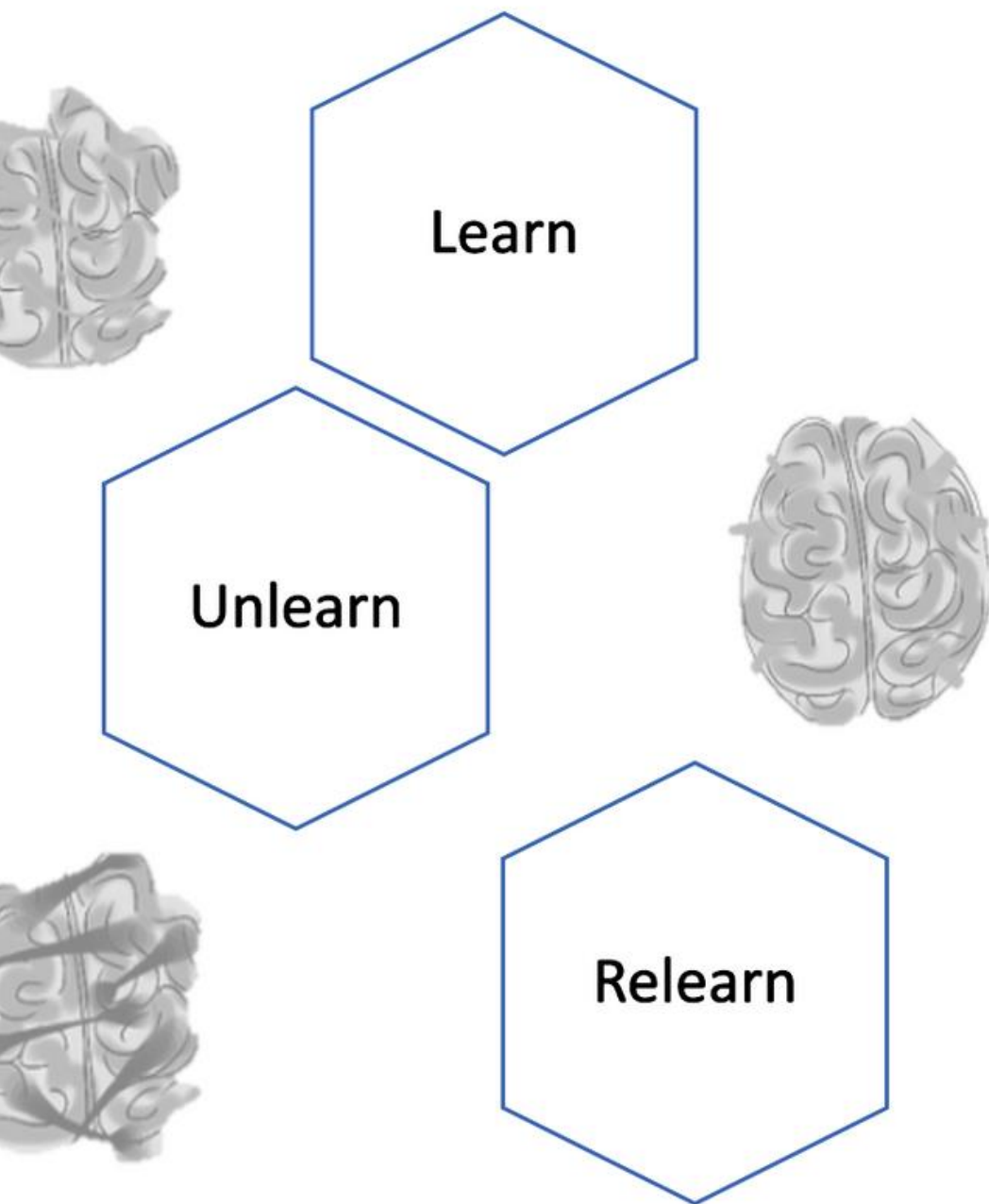
LUMI-CLOUD



H5P

- Examples and Downloads - <https://h5p.org/>
- H5P OER - <https://h5pcatalogue.in/>
- [Templates](#) -
- [More Examples \(Telugu\)](#) -
<https://justwrite.in/telugu/>
- <https://justwrite.in/bb/>
- [Help file on H5P](#)
- [A resource to help you know how students can submit Lumi file back when you share as HTML with them.](#)
- [H5P Smart Import Option](#)

Namaste!!



Alvin Toffler is credited with saying: "The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn."

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