

Creating Interactive using H5P

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What is an Interactive eResource?

Why to use?

- Accommodate different learning styles
- Learn better in fun way
- Autonomy
- Increase student retention
- Flexible
- Develop high thinking skills

Where to use?

- Teaching-learning : classroom and remote learning
- Formative Assessment
- Concepts Development

What is H5P?



URL : <https://h5p.org/>

Features of H5P:

- Free
- Create
- Share
- Reuse and modify
- Mobile friendly content
- Various types of econtents

LMS Supporting H5P content:



Blackboard



Types of H5P content

Games :



Arithmetic Quiz

Create time-based arithmetic quizzes



Find the words

Grid word search game



Flashcards

Create stylish and modern flashcards



Iframe Embedder

Embed from a url or a set of files



Image pairing

Drag and drop image matching game



Memory Game

Create the classic image pairing game



Personality Quiz

Create personality quizzes



Virtual Tour (360)

Create interactive 360 environments



Course Presentation

Create a presentation with interactive slides



Branching Scenari...

Create dilemmas and self paced learning

Some examples:

- <https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5ad43ab816b51c0231513d81>
- <https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5ad0988716b51c0240ead8f8>

Multimedia :



Agamotto

Create a sequence of images that gradually



Audio Recorder

Create an audio recording



Chart

Quickly generate bar and pie charts



Collage

Create a collage of multiple images



Dictation

Create a dictation with instant feedback



Find the Hotspot

Create image hotspot for users to find



Flashcards

Create stylish and modern flashcards



Iframe Embedder

Embed from a url or a set of files



Image Hotspots

Create an image with multiple info hotspots



Image Juxtaposition

Create interactive images

Multimedia (contd.)



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



Speak the Words Set

A series of questions answered by speech



Timeline

Create a timeline of events with multimedia



Virtual Tour (360)

Create interactive 360 environments



Interactive Video

Create videos enriched with interactions



Course Presentation

Create a presentation with interactive slides



Branching Scenari...

Create dilemmas and self paced learning

Some examples:

- <https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5b488f2f16b51c01e2fe492c>
- <https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5b1e14d816b51c01dc2f9737>

Questions:



Arithmetic Quiz

Create time-based arithmetic quizzes



Dialog Cards

Create text-based turning cards



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



Fill in the Blanks

Create a task with missing words in a text



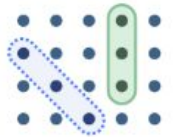
Find Multiple Hotspots

Create many hotspots for users to find



Find the Hotspot

Create image hotspot for users to find



Find the words

Grid word search game

Questions(contd.)



Flashcards

Create stylish and modern flashcards



Guess the Answer

Create an image with a question and answer



Iframe Embedder

Embed from a url or a set of files



Image pairing

Drag and drop image matching game



Image Sequencing

Place images in the correct order



Impressive Present...

Create a slideshow with parallax effects



Mark the Words

Create a task where users highlight words



Multiple Choice

Create flexible multiple choice questions



Personality Quiz

Create personality quizzes



Questionnaire

Create a questionnaire to receive feedback

Questions(contd.)



Quiz (Question Set)

Create a sequence of various question types



Single Choice Set

Create questions with one correct answer



Speak the Words

Answer a question using your voice



Speak the Words Set

A series of questions answered by speech



Summary

Create tasks with a list of statements



Interactive Video

Create videos enriched with interactions



Course Presentation

Create a presentation with interactive slides



Advanced fill the bl...

Fill in the missing words

Some examples:

- <https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5b1f548616b51c01dc31009f>
- <https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5b47006416b51c01f38e85fb>

**Let's get started and create a drag
and drop question.**

<https://h5p.org/>

1. Create an account



Search h5p.org



[Examples & downloads](#)

[Documentation](#)

[Goals & roadmap](#)

[Forum](#)

[Log in](#)

[Create free account](#)

2. Log in

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

3. Go to “My Account” and click on “Try out h5p”

Quick Links

[Try out H5P](#)

[Latest Release Note](#)

[Content Author Tutorials](#)

[Forum](#)

4. Click on “Create Content”

Select content type


 *Select content type*

Create Content Upload

Search for Content Types

5. Scroll down the list and Select “Drag and Drop”

Create Content Upload

 Paste

Search for Content Types



All Content Types (14 results)

Show: **Recently Used First** Newest First A to Z



Drag and Drop

Create drag and drop tasks with images

[Details](#)

6. Step 1 “Settings” : Add Title

 Drag and Drop 

Title * Metadata

Used for searching, reports and copyright information

Seasonal Fruits



Step 1

Settings



Step 2

Task

Background image

7. Add Background Image



Step 1

Settings



Step 2

Task

Background image

Optional. Select an image to use as background for your drag and drop task.

Note: To avoid abuse, H5P.org has limited file size on uploads to 16 MB. To use larger images yc



Edit image



Edit copyright

8. Add “Range” for score and 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 % - 50 %

Keep improving!!! You are doing good. :)



51 % - 100 %

Great!!!!!! :)



ADD RANGE

Distribute Evenly

9. Check “Behavioural settings”

▼ Behavioural settings

Enable "Retry"

Require user input before the solution can be viewed

Give one point for the whole task

Disable to give one point for each draggable that is placed correctly.

Apply penalties

Apply penalties for elements dropped in the wrong drop zones. This must be enabled for multiple drop zones, or if there is only one drop-zone. If this is not enabled, learners get full score.

10. Click on “Step 2 “Tasks”



Step 1

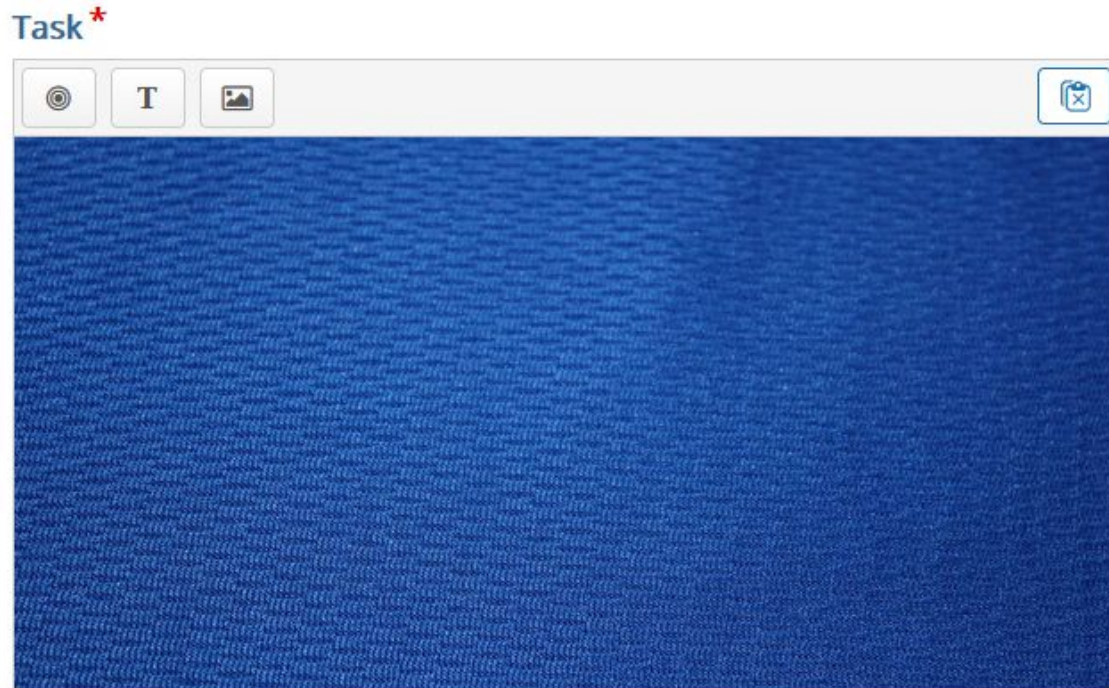
Settings



Step 2

Task

11. Add drop zone



Start by placing your drop zones.




Next, place your draggable elements and check off the appropriate drop zones.

Last, edit your drop zone again and check off the correct answers.

12. Give name of the drop zone

Task *

Label *

B I S T_x   

SUMMER FRUIT

body div

Show label

Background Opacity

30

▸ Tips and feedback

This drop zone can only contain one element
Make sure there is only one correct answer for this dropzone

Enable Auto-Align
Will auto-align all draggables dropped in this zone.

Remove Done

Start by placing your drop zones

13. Similarly, add another drop zone

Task*

Label*

B I S I_x [List icons]

WINTER FRUIT

body div

Show label

Background Opacity

30

▸ Tips and feedback

This drop zone can only contain one element

Make sure there is only one correct answer for this dropzone

Enable Auto-Align

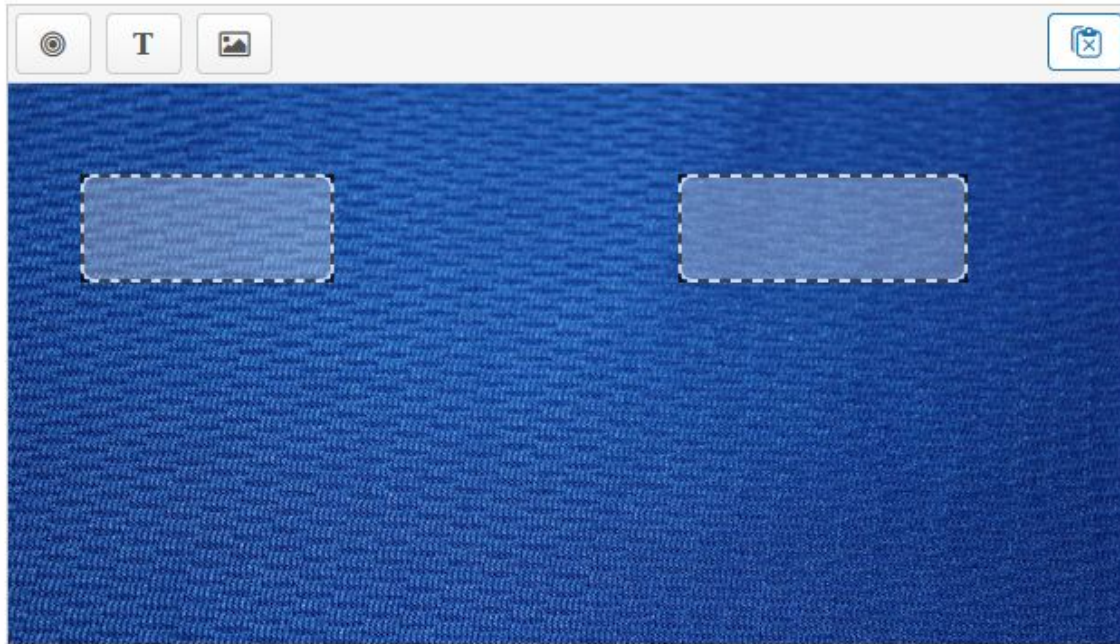
Will auto-align all draggables dropped in this zone.

Remove

Done

Two drop zones have been created

Task *



Start by placing your drop zones.

Next, place your droppable elements and check off the appropriate drop zones.

Last, edit your drop zone again and check off the correct answers.

14. Add draggable (image)

Task *

Image *

Metadata

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



Edit image

Alternative text *

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

mango

Hover text

Optional. This text is displayed when the users hover their pointing device over the image.

Select drop zones

- Deselect all
- WINTER FRUIT
- SUMMER FRUIT

Background Opacity

100

Infinite number of element instances

Clones this element so that it can be dragged to multiple drop zones.

Remove

Done

15. Similarly, add another draggable

Task *

Image *

Metadata

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



Edit image

Alternative text *

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

orange

Hover text

Optional. This text is displayed when the users hover their pointing device over the image.

Select drop zones

- Deselect all
- SUMMER FRUIT
- WINTER FRUIT

Background Opacity

100

Infinite number of element instances

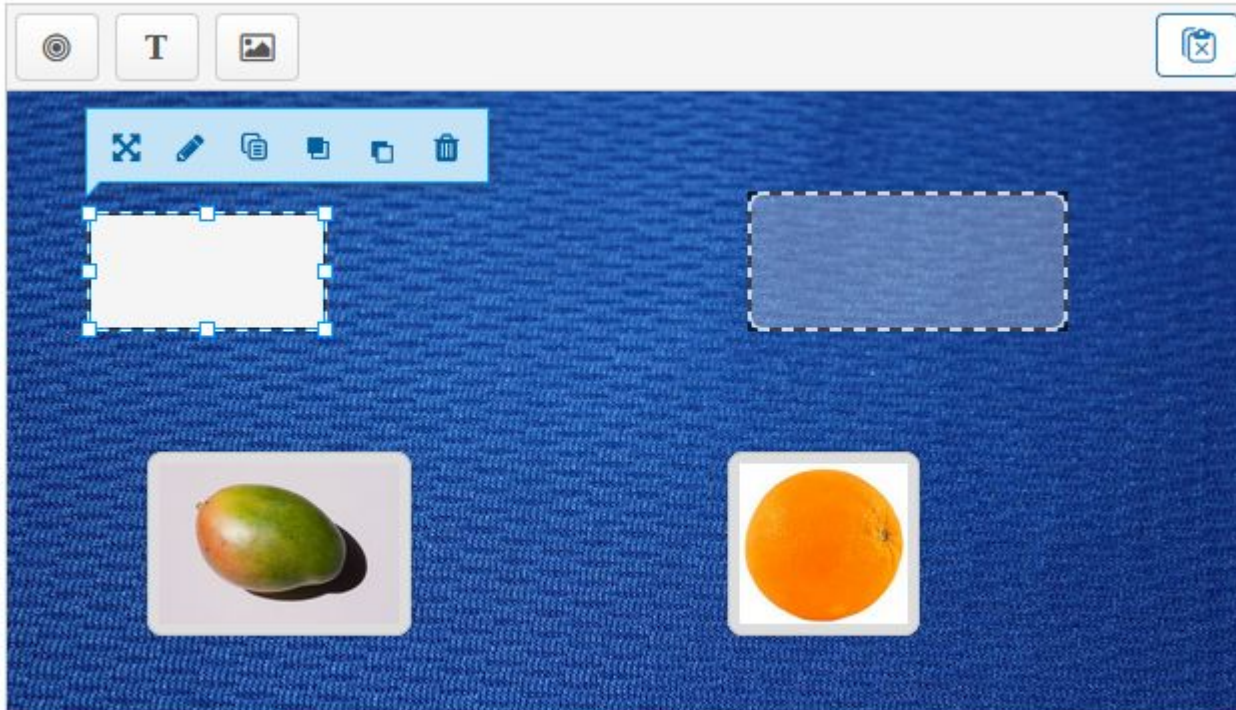
Clones this element so that it can be dragged to multiple drop zones.

Remove

Done

16. Select correct answer for dropzone

Task *



Start by placing your drop zones.

Next, place your droppable elements and check off the appropriate drop zones.

17. For “Summer fruit” : select mango

Task *

Label *

SUMMER FRUIT

Show label

Select correct elements

Select all

Image: orange

Image: mango

18. For “Winter fruit” : select orange

Task *

Label *

WINTER FRUIT

Show label

Select correct elements

Select all

Image: orange

Image: mango

19. Click on Save button at the bottom of the page



20. Its done!

Seasonal Fruits

SUMMER FRUIT



WINTER FRUIT



✓ Check

Ready to learn with fun.

Seasonal Fruits



WINTER FRUIT



Keep improving!!! You are doing good. :)



1/2



Thanks.

Keep learning.