Creating Interactive Videos [Learning Dialogues]

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- Active Learning Workshops (<u>ALW</u>) Group members

- Online Teaching self-paced <u>course site</u> of IIT Bombay

- LCM-Model <u>website</u>

Your views about Video Content

- Half an hour long or more

- Speaker gives lecture

- Boring

- …

- One-way

MONOLOGUES

Old

Delivering content shaped for universal consumption

New

Guiding, supporting and communicating with students as they navigate content

Truly valuing how students think!

The shift!

Challenges :

- *Passive* watching of videos

- Necessary Activities completed

- *Ignore* additional resources

- *Lack of participation*

Shift :

- Concept attainment through learner interaction

- Formative assessments (constructive feedback)

- Advance learning through diverse paths

- Peer learning through focussed discussion

Interactive Videos: Learning Dialogues (LeD)

Why to have Reflection Spots

- make videos interactive

- engage students in content

- quick practice & check within video

- connected with the content explained so far

- allows to think and write the answer in 1-2 mins

- multiple perspectives (Avoid Binary questions.)

Interactive Videos (LeD)
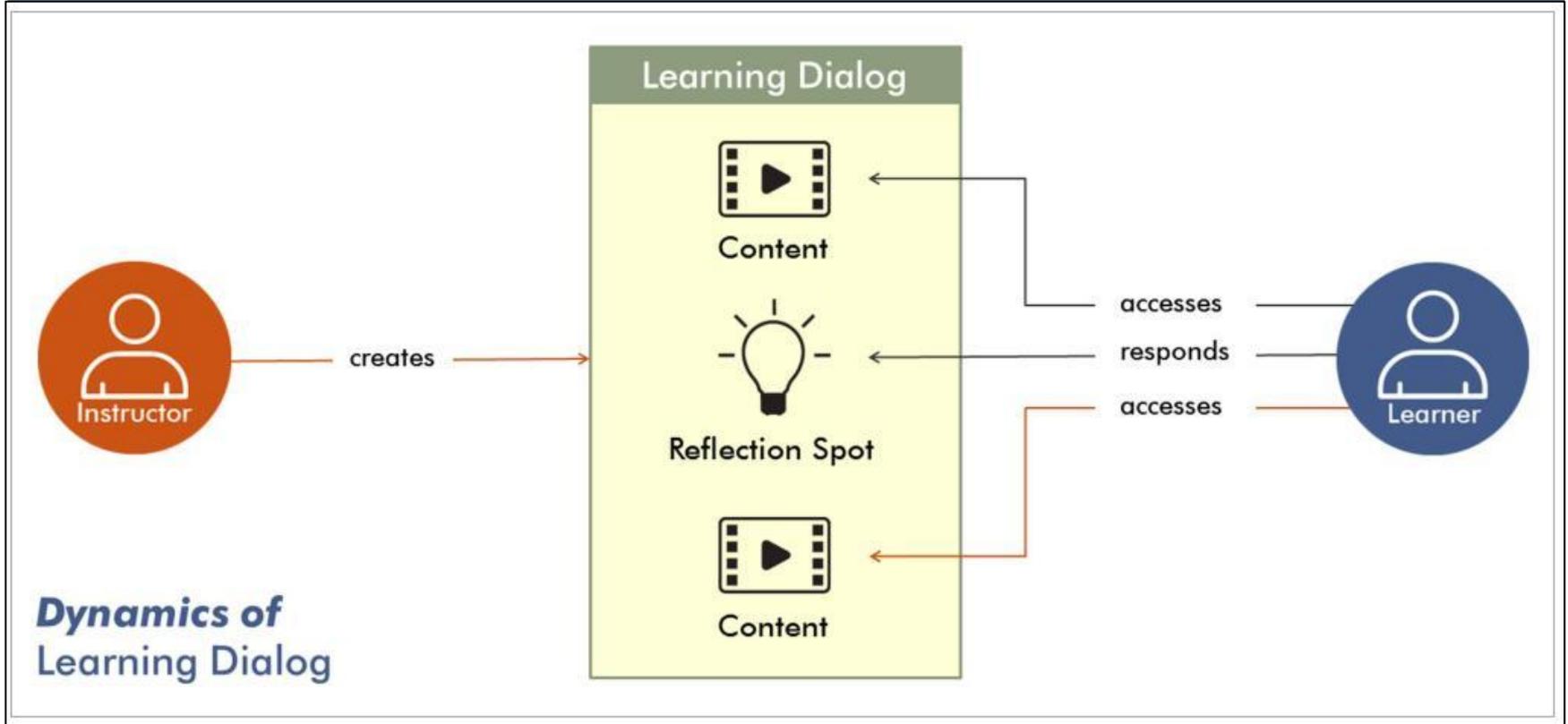
Learning Dialogue (LeD) -- Structure

Content

- Short video that explains a **single concept**

- Text readings

- Animations

Learning Dialogue
Content
Reflection Spot
Content
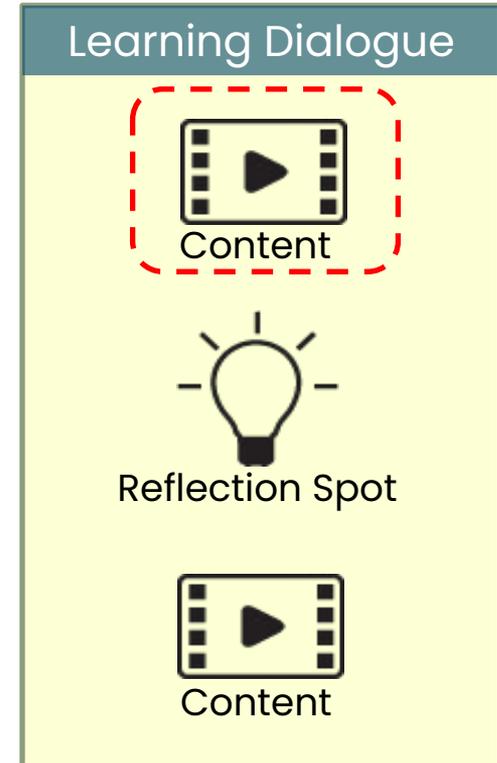
What is a Reflection Spot (RS) ?

A pause point , a question

- **Logical point**: Where learner needs to **recollect/reflect/opine/micro-practice**

- **Structural point**: Where learner may get disengaged with one-way transmission

### Learning Dialogue

Content

Reflection Spot

Content
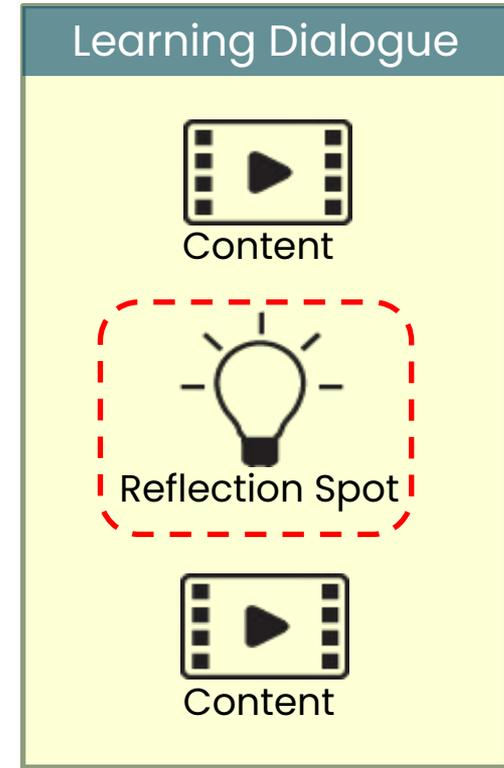
Closing the loop in an LeD

- **Summarize** ALL possible answers to engage ALL the learners

- **Close the loop**

Learning Dialogue

Content

Reflection Spot

Content

Creating Learning Dialogues| EMRC, Gujarat University
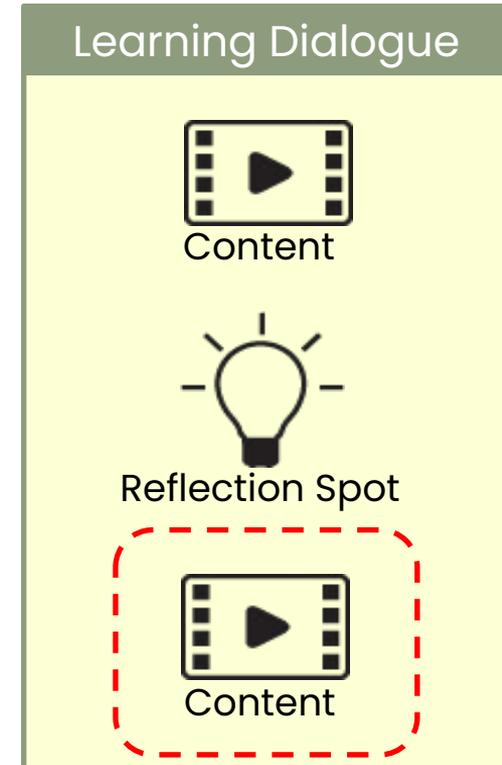
Placing the Reflection Spots

Content

After
Chunking

Concept 1
Concept 2
Concept 3
Concept 4

Concept 1

Reflection Spots
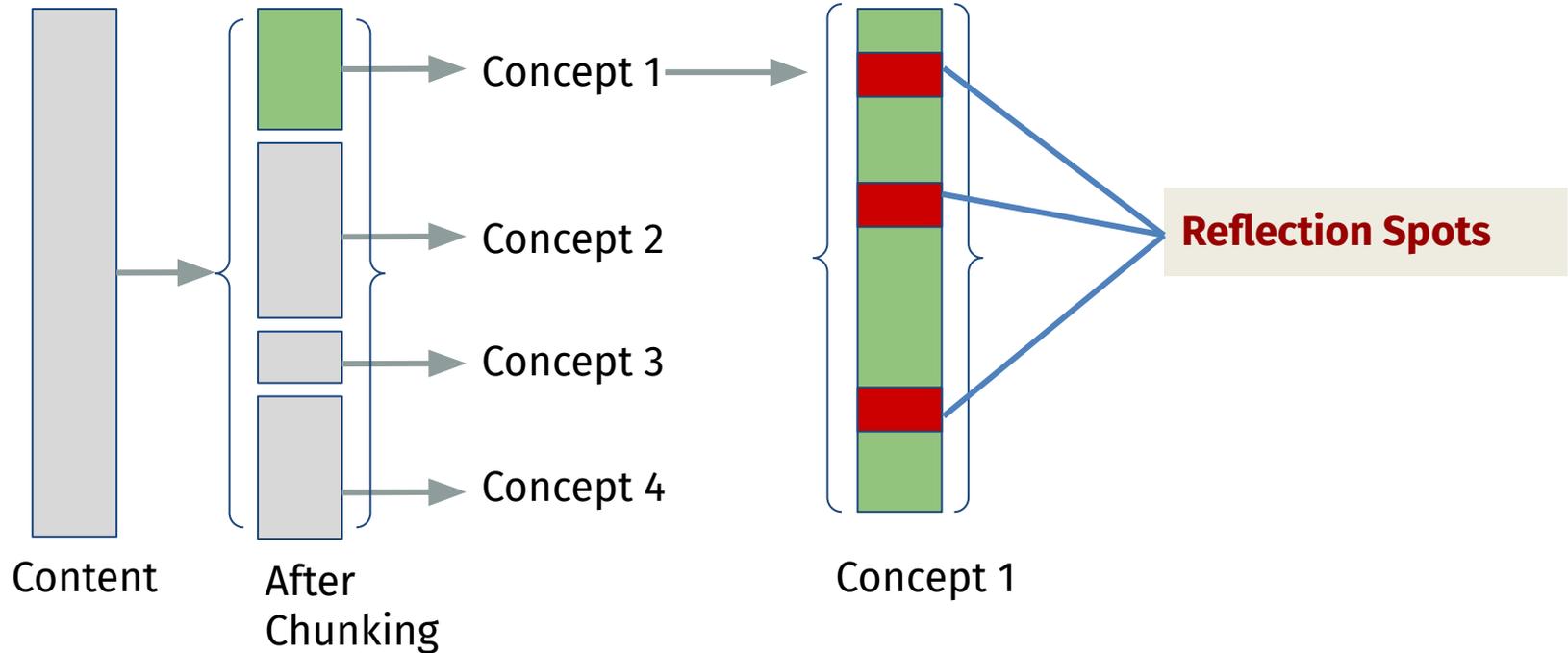
Example of Learning Dialogue (LeD)
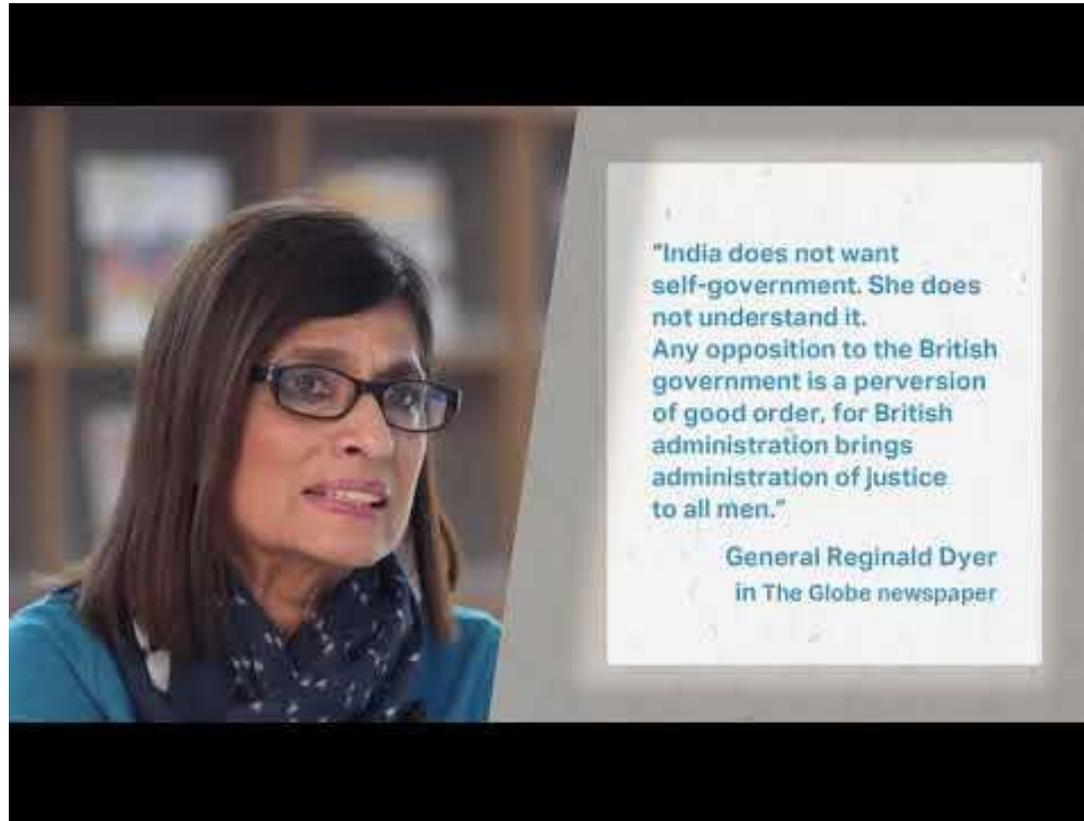
Example of Learning Dialogue (LeD)

Creating LeDs

LeD creation using new videos

LeD creation using existing videos

Write a Script for Learning Dialogues (LeDs)

Convert a monologue video into an interactive video using a tool like H5P/ Lumi
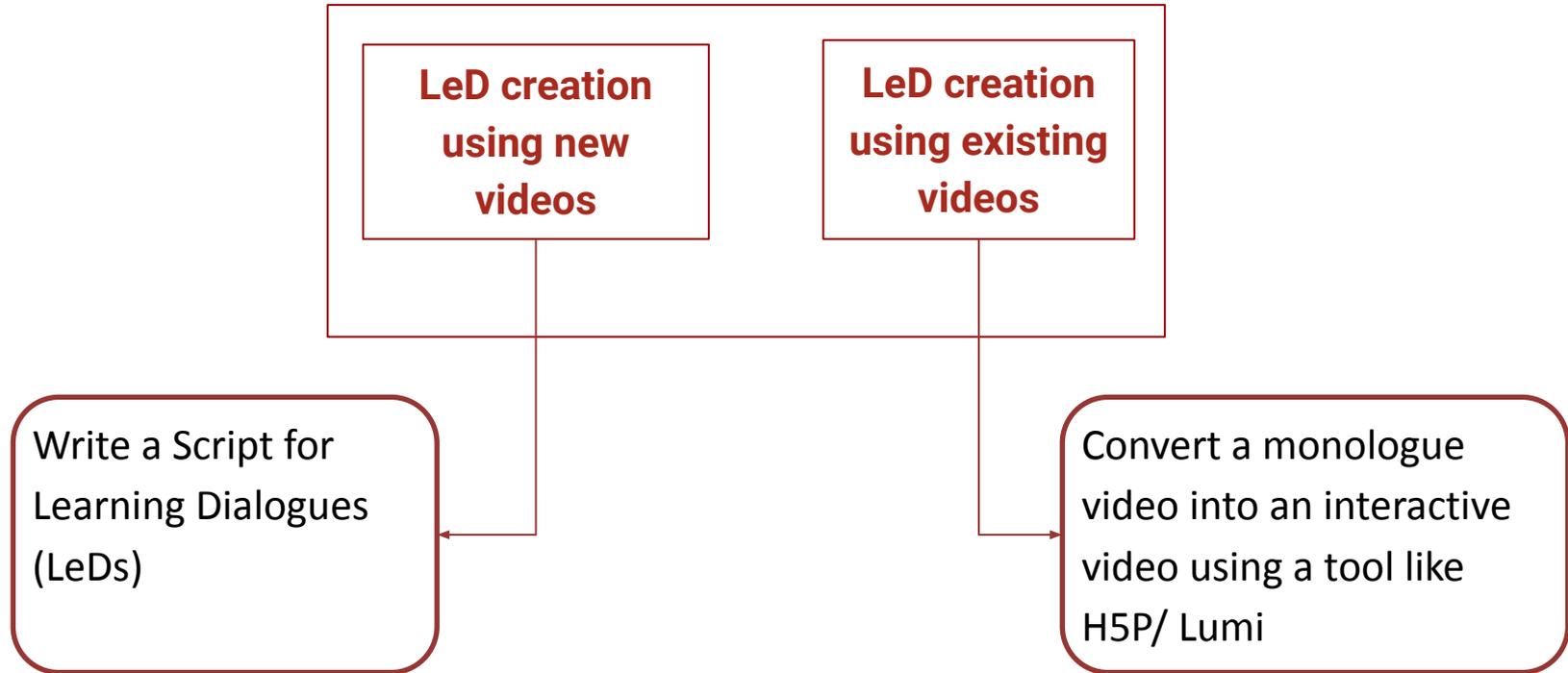
Converting an already existing video into LeD

Demo:

Checklist for Reflection Spot Design

Reflection Spot	Quality Check
Activity Question	1. Have you included a reflection spot activity that requires the learner to recollect/ reflect/ opine/ micro-practice?
Duration	2. Is your reflection spot activity short, so that it can be done by the learner by pausing the LeD for 1-2 minutes?
Connect to LeD	3. Is the summary of anticipated responses to the reflection spot activity included?

LeD Creation Assignment

Select

1. Consider any one topic of your choice/ related to your subject domain

Create

2. Create your own LeD script/slides/videos

Self Evaluate

3. Self evaluate based on the session

Ensure

Introduce **1 or 2 RS**

Add summary content after RS

Upload

4. Upload your assignment on Google Classroom.
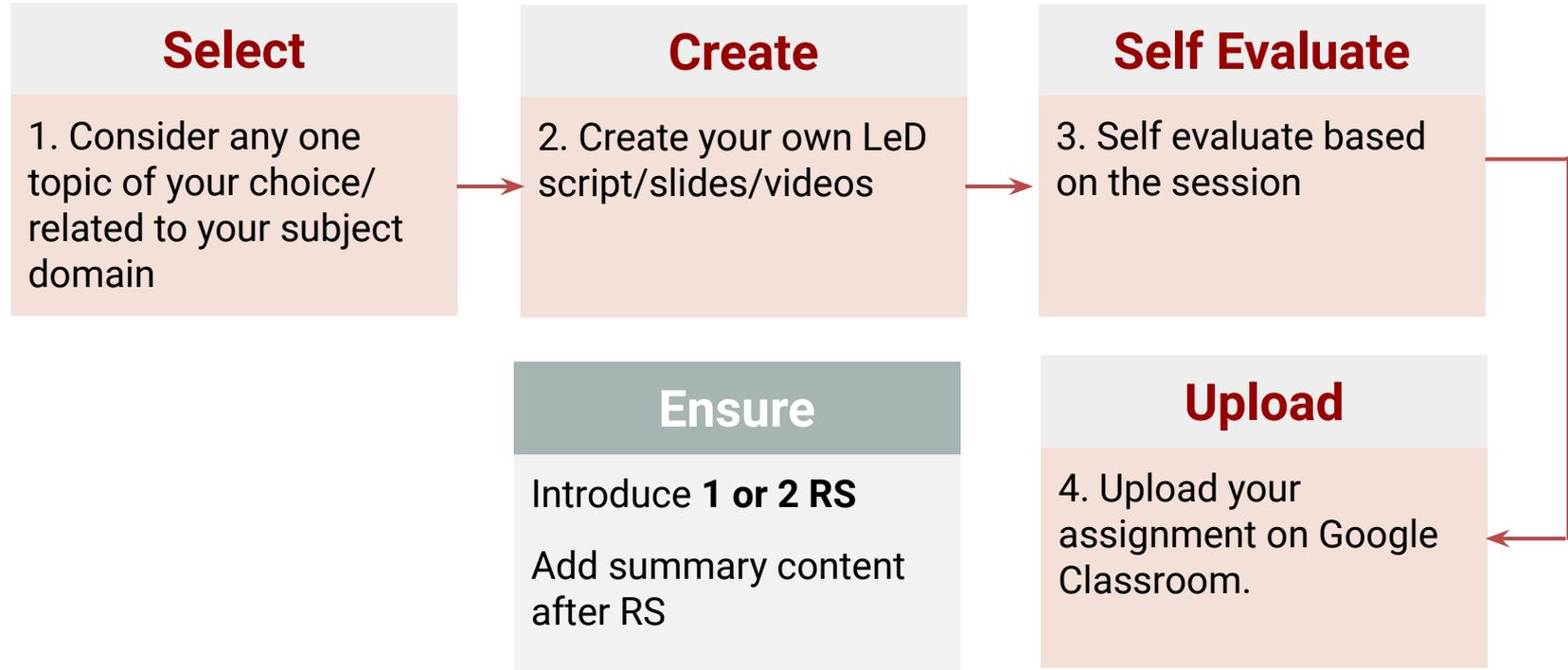
Be interactive. Transform Learning

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