



Creating Interactive Videos [Learning Dialogues]

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Acknowledgements

- LCM creators: Prof. Sridhar Iyer, Prof. Sahana Murthy, Dr. Sameer Sahasrabudhe, Dr. Jayakrishnan M.
- Active Learning Workshops (ALW) Group members
- Online Teaching self-paced course site of IIT Bombay
- LCM-Model website

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 :

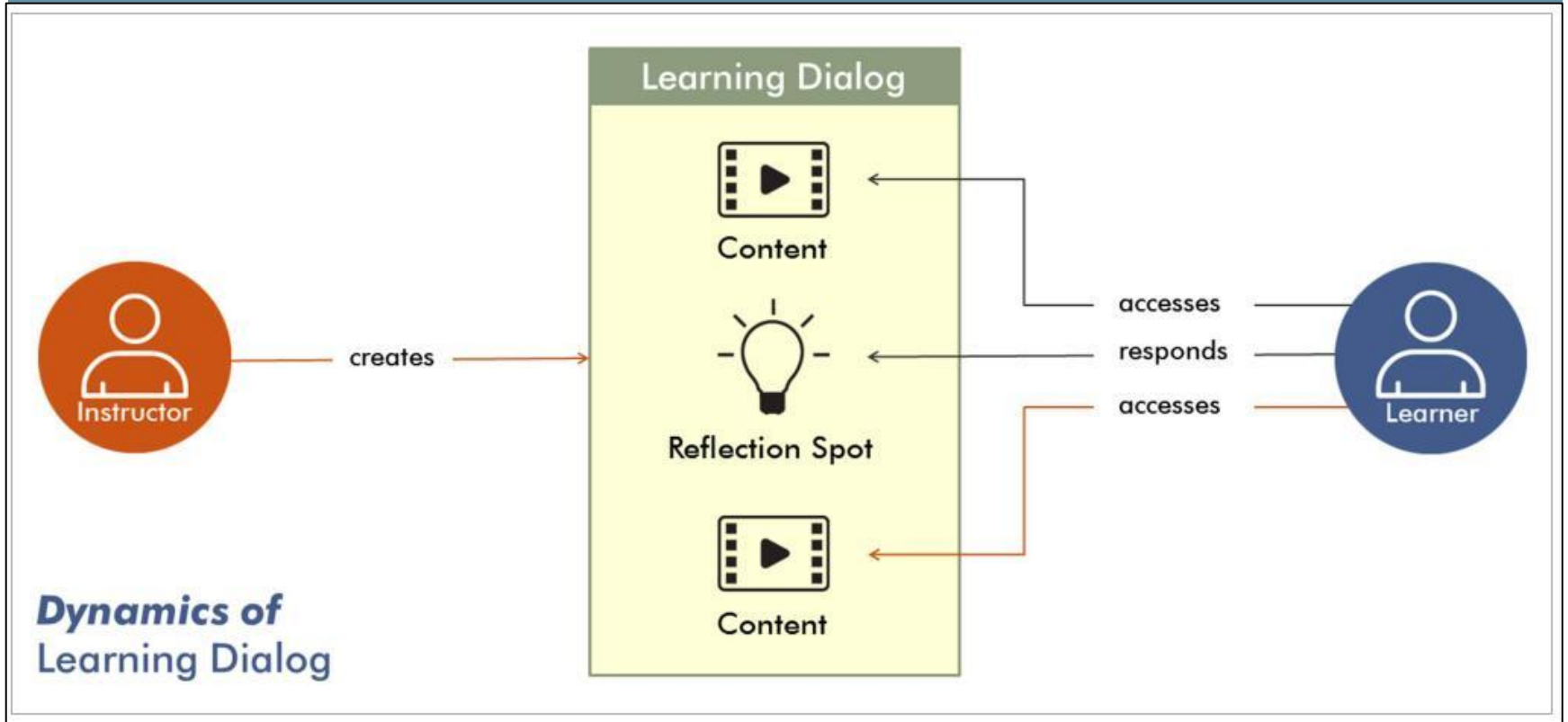
- Concept attainment through learner interaction
- Formative assessments (constructive feedback)
- Advance learning through diverse paths
- Peer learning through focussed discussion

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.)

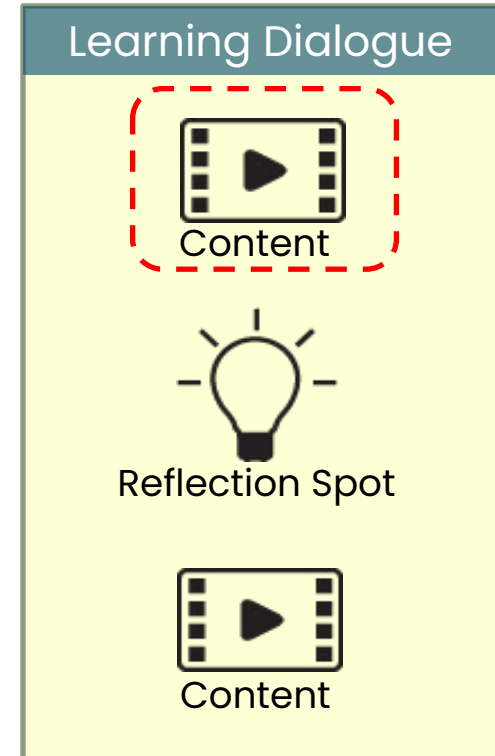
Interactive Videos (LeD)



Learning Dialogue (LeD) -- Structure

Content

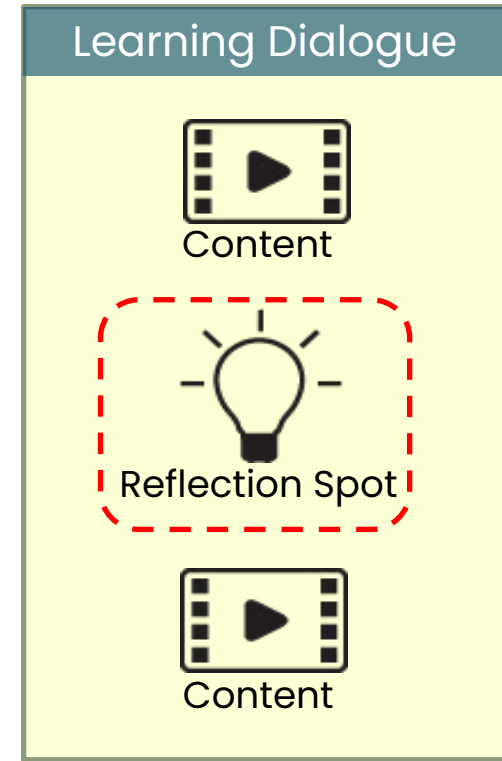
- Short video that explains a **single concept**
- Text readings
- Animations



What is a Reflection Spot (RS) ?

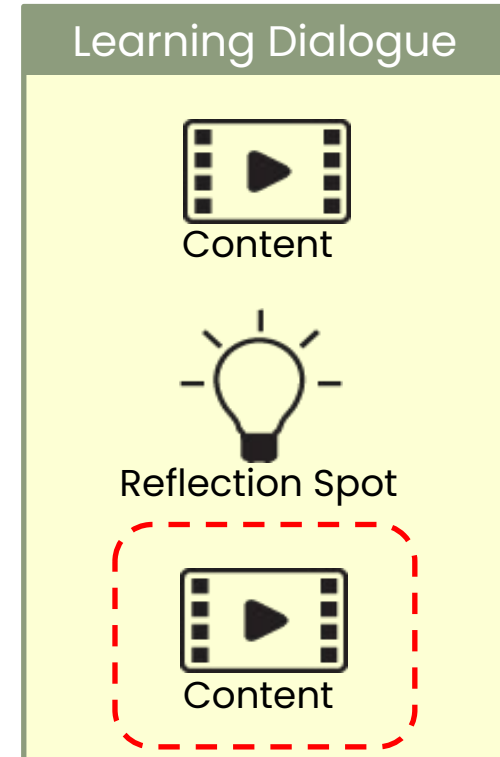
A pause point , a question

- **Logical point:** Where learner needs to **recollect/reflect/opine/micro-practice**
- **Structural point:** Where learner may get disengaged with one-way transmission

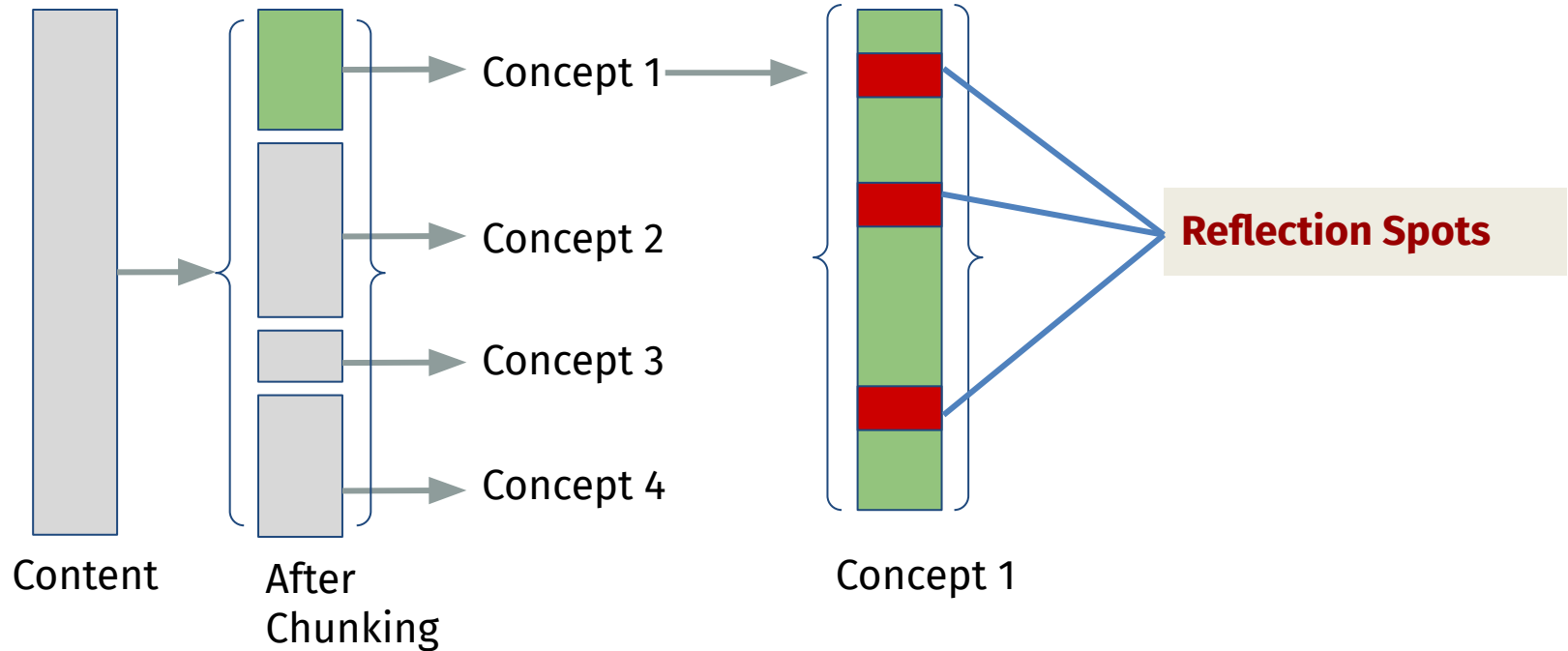


Closing the loop in an LeD

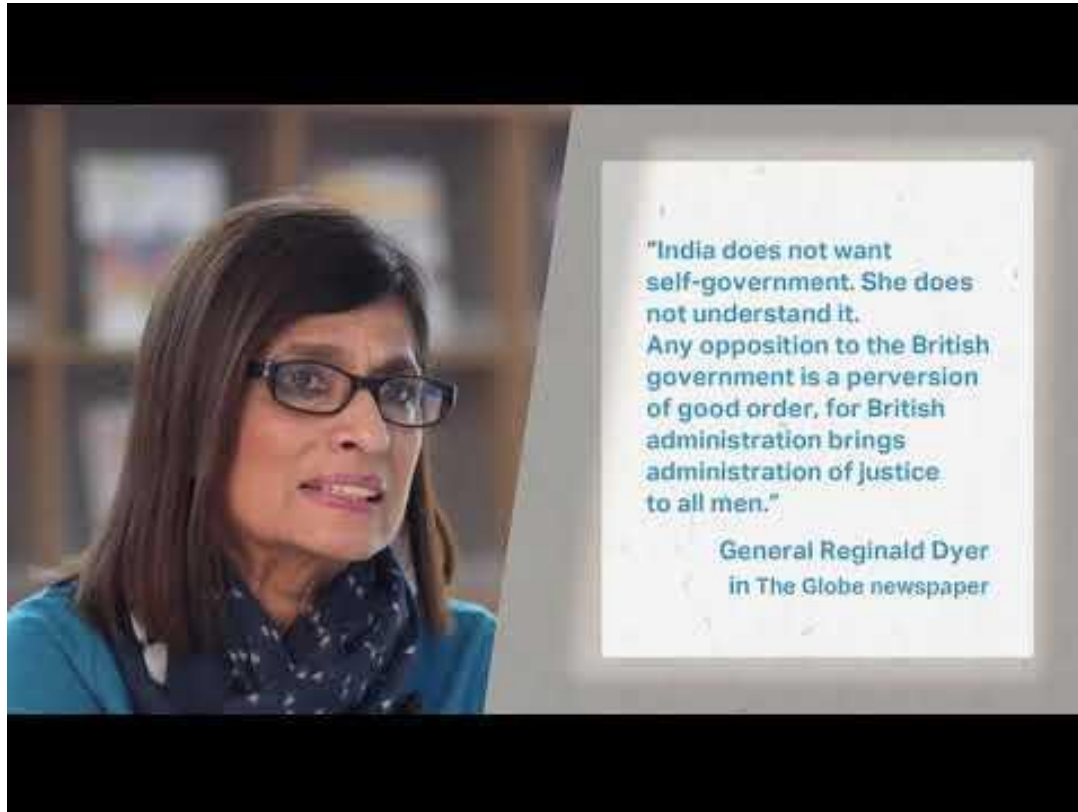
- **Summarize** ALL possible answers to engage ALL the learners
- **Close the loop**



Placing the Reflection Spots



Example of Learning Dialogue (LeD)



Example of Learning Dialogue (LeD)



Log in

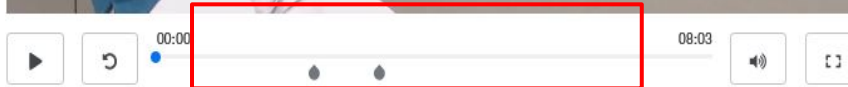
Drawing and Writing

Jatin Ambasana CET2



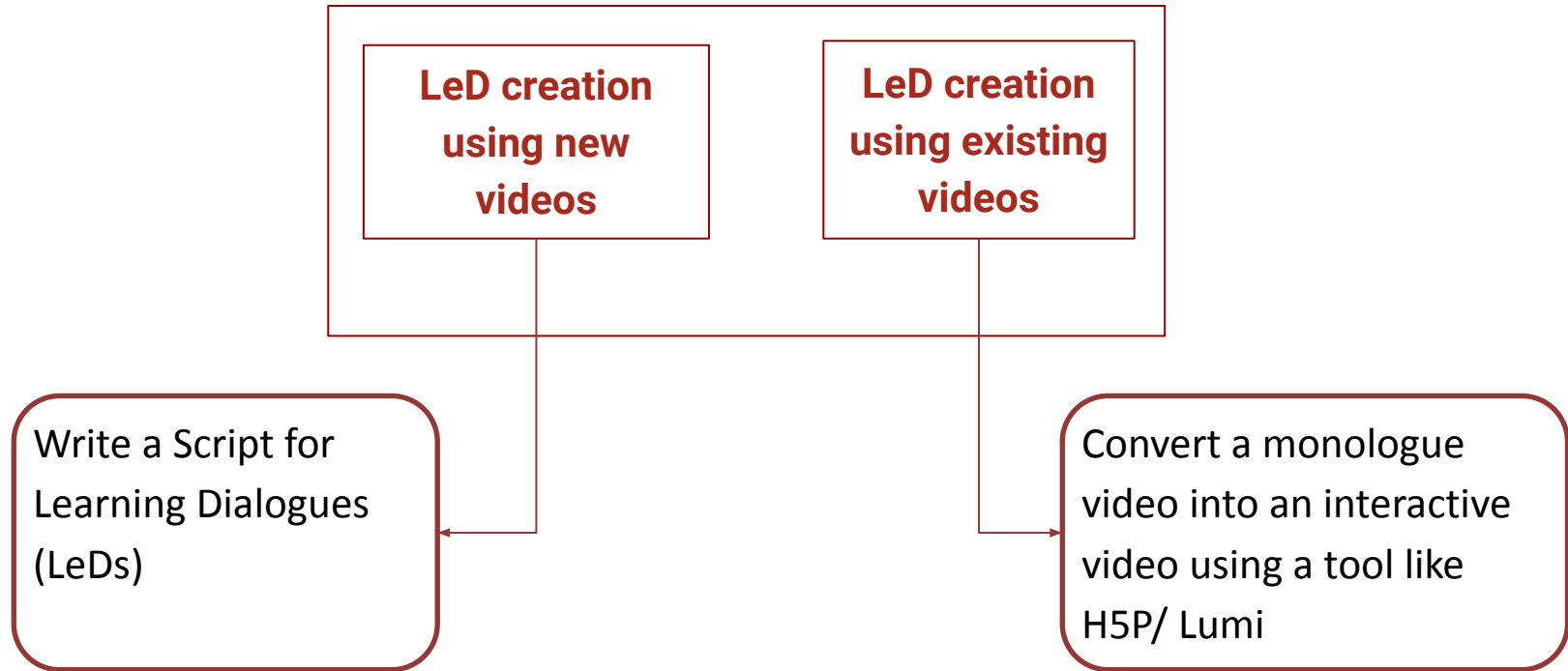
Video events

- 02:17 Multiple-choice
- 03:13 Multiple-choice



Share preview

Creating LeDs



Converting an already existing video into LeD

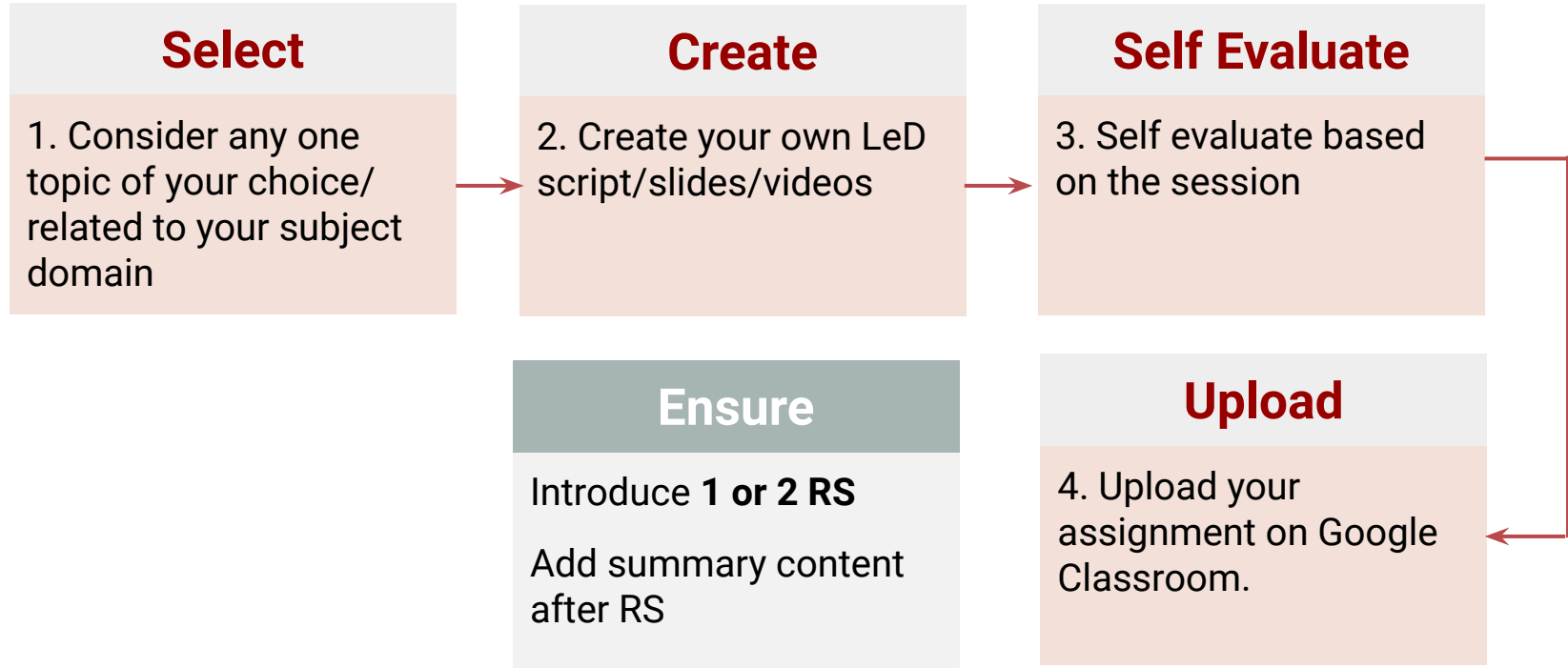


Demo:

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



Be interactive. Transform Learning



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