

# **VIDEO AS A UDL TOOL**

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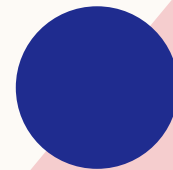
UDL National Conference, ATU Sligo, 1<sup>st</sup> June 2023

# OVERVIEW

Video and UDL

Embedding video in science labs

Obstacles



# UDL<sup>1</sup> AND VIDEO



## REPRESENTATION

- Perceptions
- Language, Mathematical Symbols and Expressions
- Comprehension



## ACTION AND EXPRESSION

- Physical action
- Expression and Communication
- Executive Functions



## ENGAGEMENT

- Recruiting Interest
- Sustaining Effort and Persistence
- Self-Regulation

## ***Why don't you just take videos from YouTube?***

- Academic quality
- Tailored content
- Ownership

**Digital Innovation in Science Education  
(DISE)**

# DISE

## Perceptions:

Short and relevant<sup>2</sup>

Provide alternatives to audio and visual<sup>3</sup>

Guide information processing<sup>4</sup>

Provide alternative language options<sup>5, 6, 7</sup>

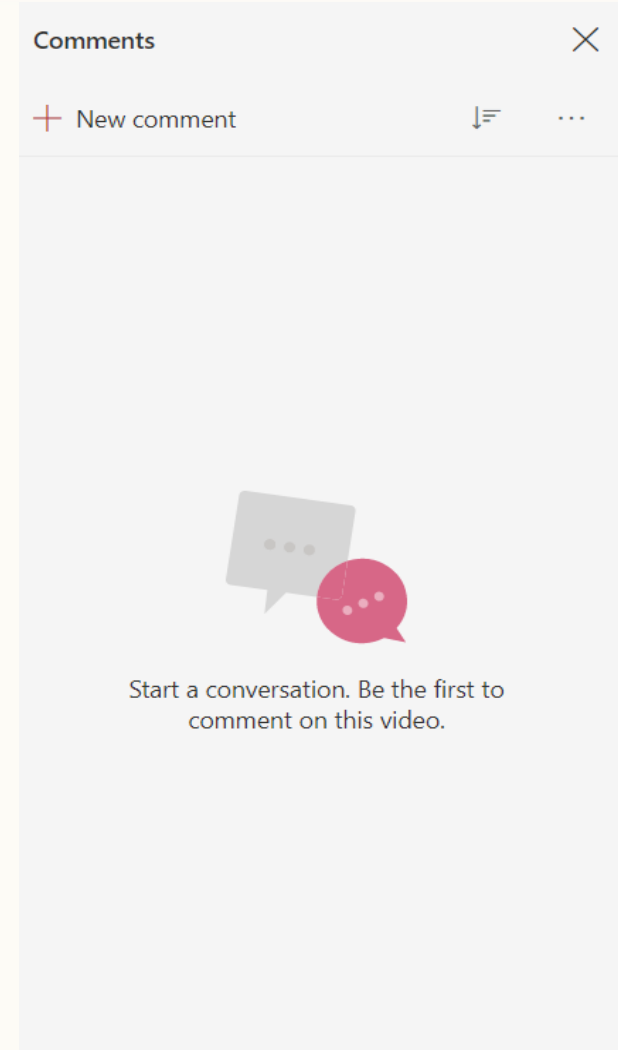
## Action and Expression:

Flexibility around timing

Student discretion<sup>8</sup>

## Engagement:

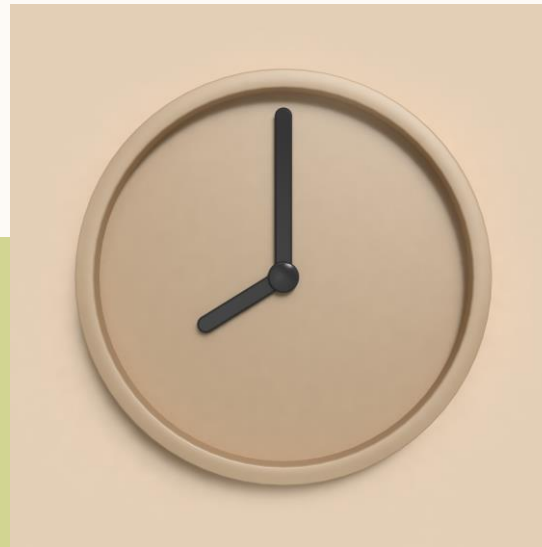
Foster communication<sup>9</sup>



# OBSTACLES



**TRANSLATION**



**TIME<sup>10</sup>**



**STUDENT USE<sup>11</sup>**

# NEXT STEPS

Final recording and translations

Video availability to students AY 2023-24

Framework for video development aligned to UDL principles

# QUESTIONS

**St. Angela's College, Sligo**  
Coláiste San Aingeal, Sligeach

**DISE:**  
Conduct a qualitative test for starch

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This video will demonstrate how to conduct a qualitative test

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