



**Oide**

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Ghairmiúil i measc Ceannairí  
Scoile agus Múinteoirí

Supporting the Professional  
Learning of School Leaders  
and Teachers

# Using Digital Technologies to Foster Inclusion in the Home Economics Classroom

Date: 10<sup>th</sup> of April 2025

Time: 6:00 – 7:30



# Ways of Working



Mics muted  
when not speaking



Use chat function  
to ask questions



Video camera on



Use raise hand  
function to ask a  
question



No photographs  
or recordings



Engage,  
interact and chat

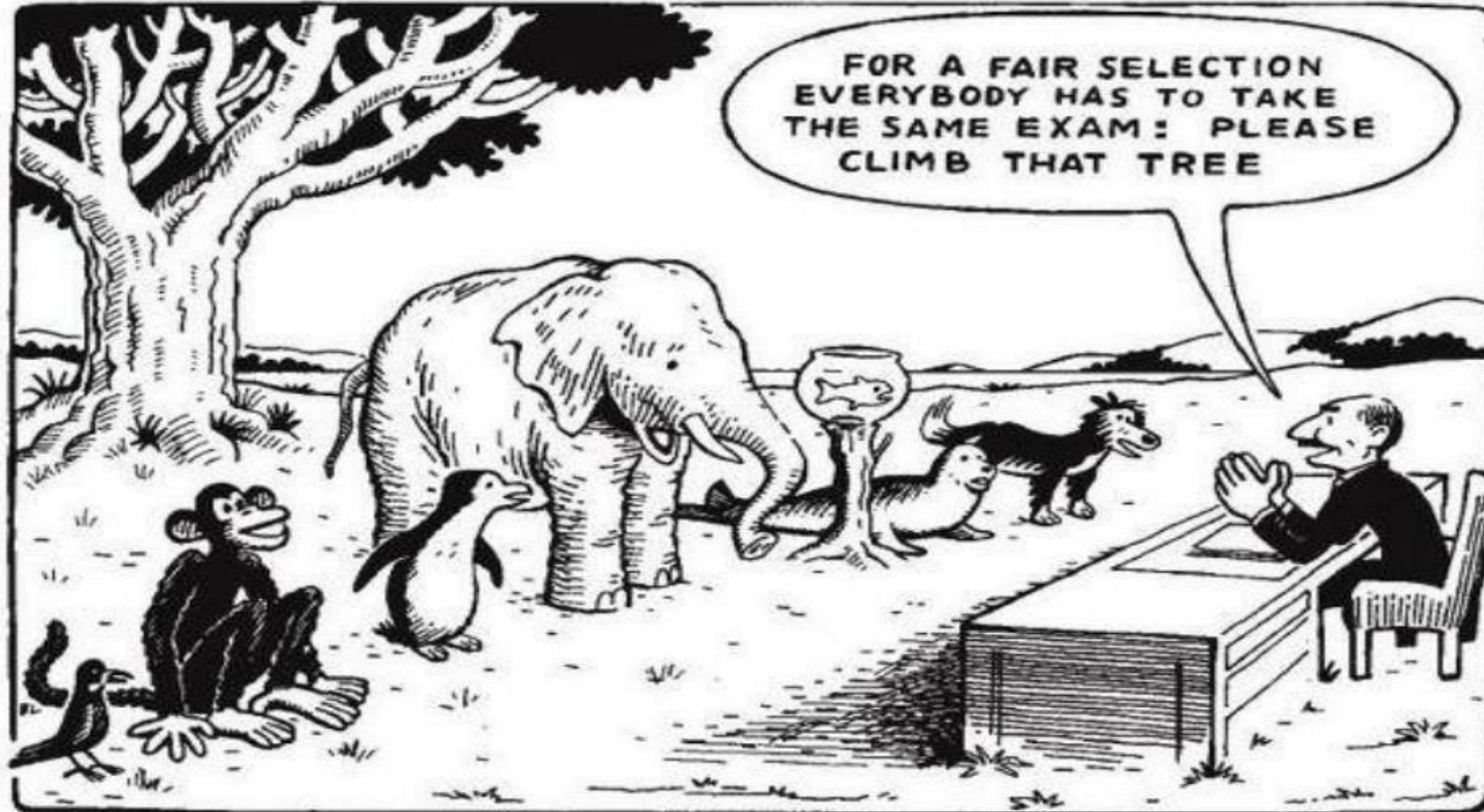


# Learning Intentions

To investigate how digital technologies can promote inclusion and support all students in the Home Economics classroom

To explore the use of digital technologies to enhance inclusive pedagogy

# What is your understanding of Inclusive Education?



(Bruce et al, 2016)



# Share your Understanding

Join at [mentimeter.com](https://mentimeter.com/join/16778094) | use code 16778094

Mentimeter

## What is your understanding of Inclusive Education?

6 responses

learning for all    current  
fairness  
equity    broad  
everyone is included

Menti  
Using Digital Technologi...

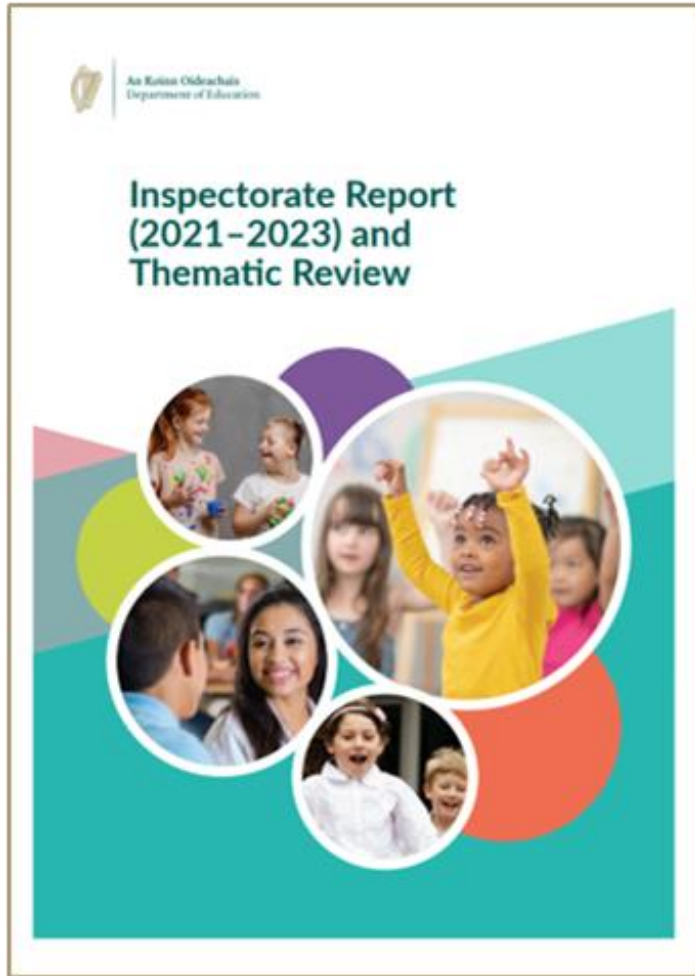
Choose a slide to present



# Reflections on Inclusion in the Irish School System



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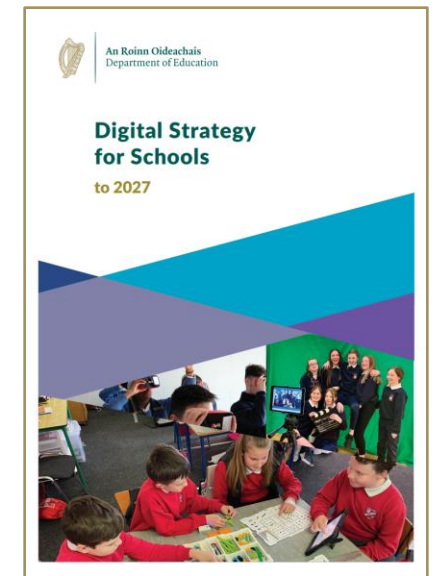
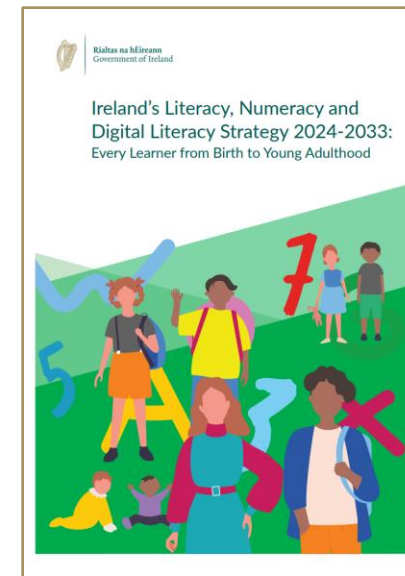
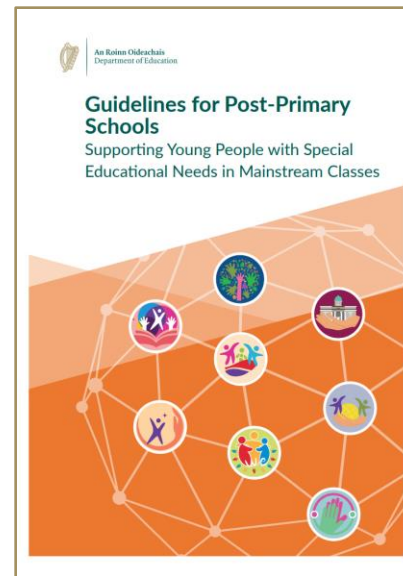
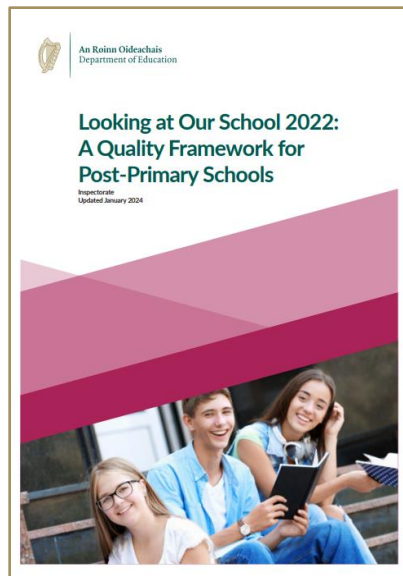
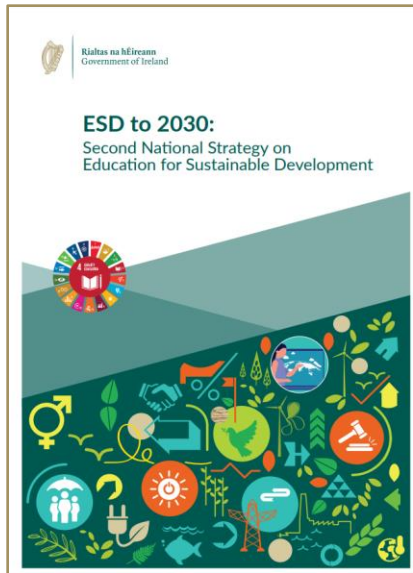




# Irish Education Policy Towards Inclusive Education



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# Inclusive Pedagogical Practices



The teaching and learning approaches that children and young people experience in schools, classrooms and other learning settings can be one of the most powerful influences on their achievement.

(DE, 2024)





# Student-Centred Learning, Teaching and Assessment



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# Inclusive Pedagogical Practices





# Universal Design for Learning (UDL)



## Engagement

How will the learners engage with the lesson?



## Representation

How will the information be presented to the learners?



## Action/Expression

How do learners act strategically, express themselves and show evidence of learning?



# Digital Technologies - Inclusion



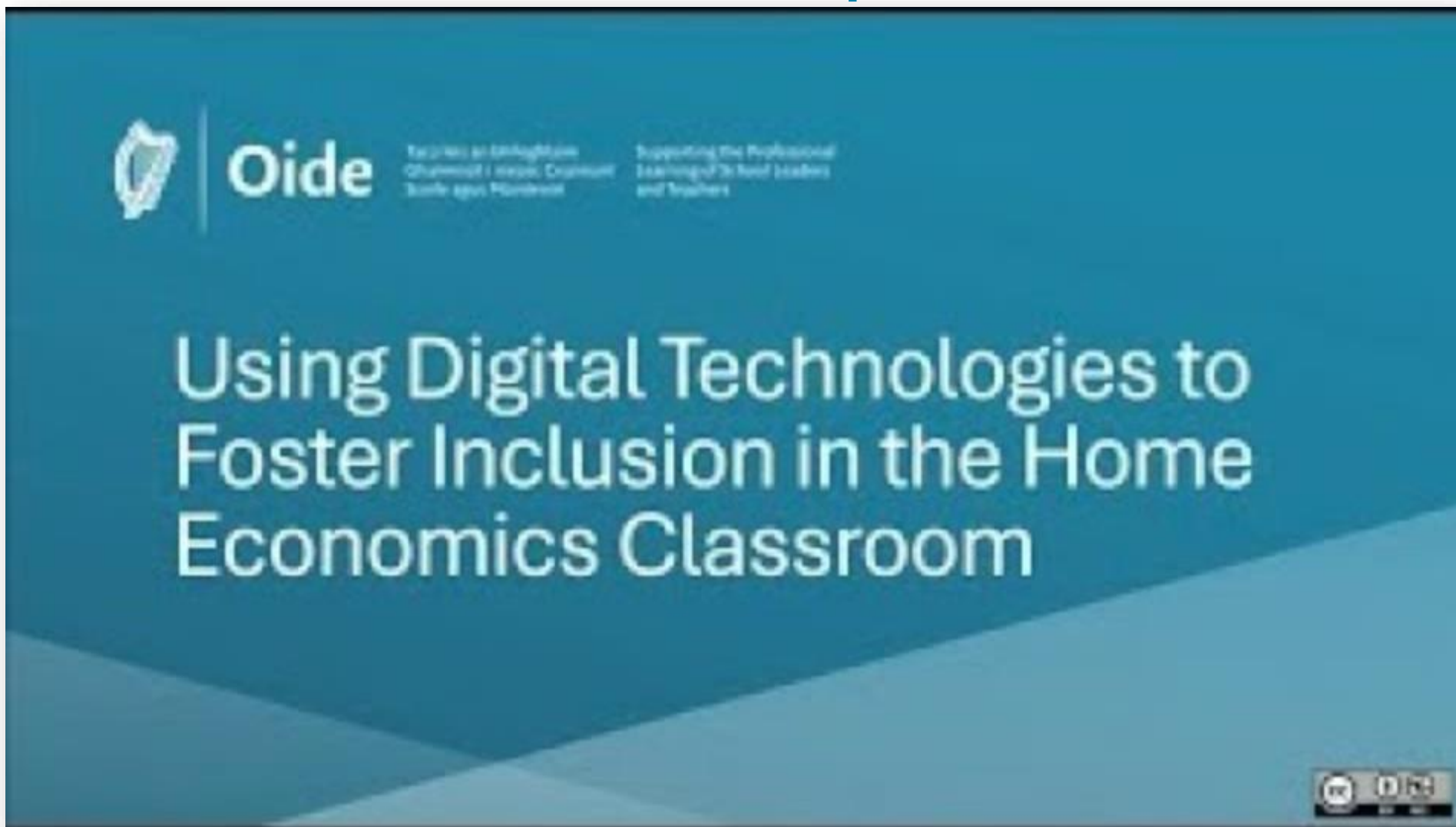
The use of digital technologies can promote and facilitate inclusiveness and support the principles of the Universal Design for Learning (UDL) model of multiple means of engagement, representation and action/expression.

(DE, 2022)





# Teacher Voice – Video Clip





# Share the Learning

How do the digital technologies demonstrated in this video clip enhance student engagement in this lesson?



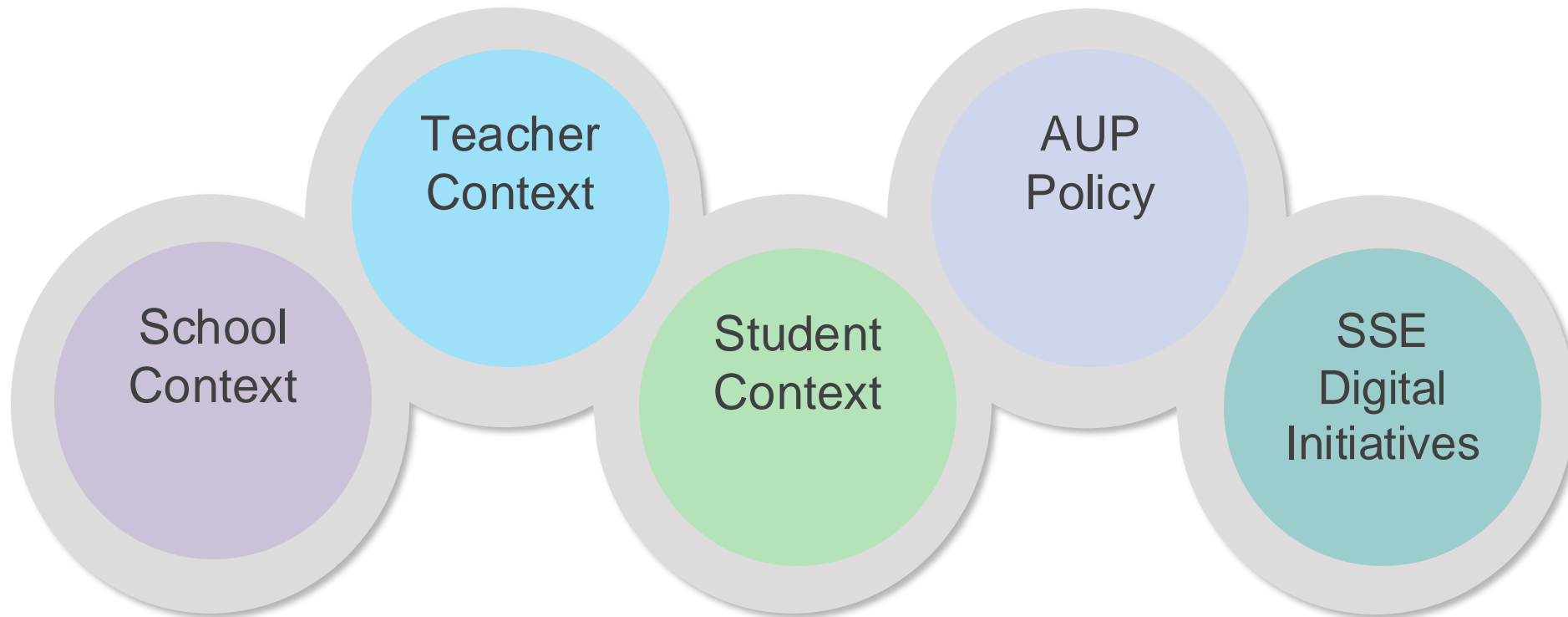
How does the teacher's use of digital technologies support the Universal Design for Learning (UDL) approach to foster inclusion in the Home Economics classroom?



# Before Choosing Digital Technologies - Consider



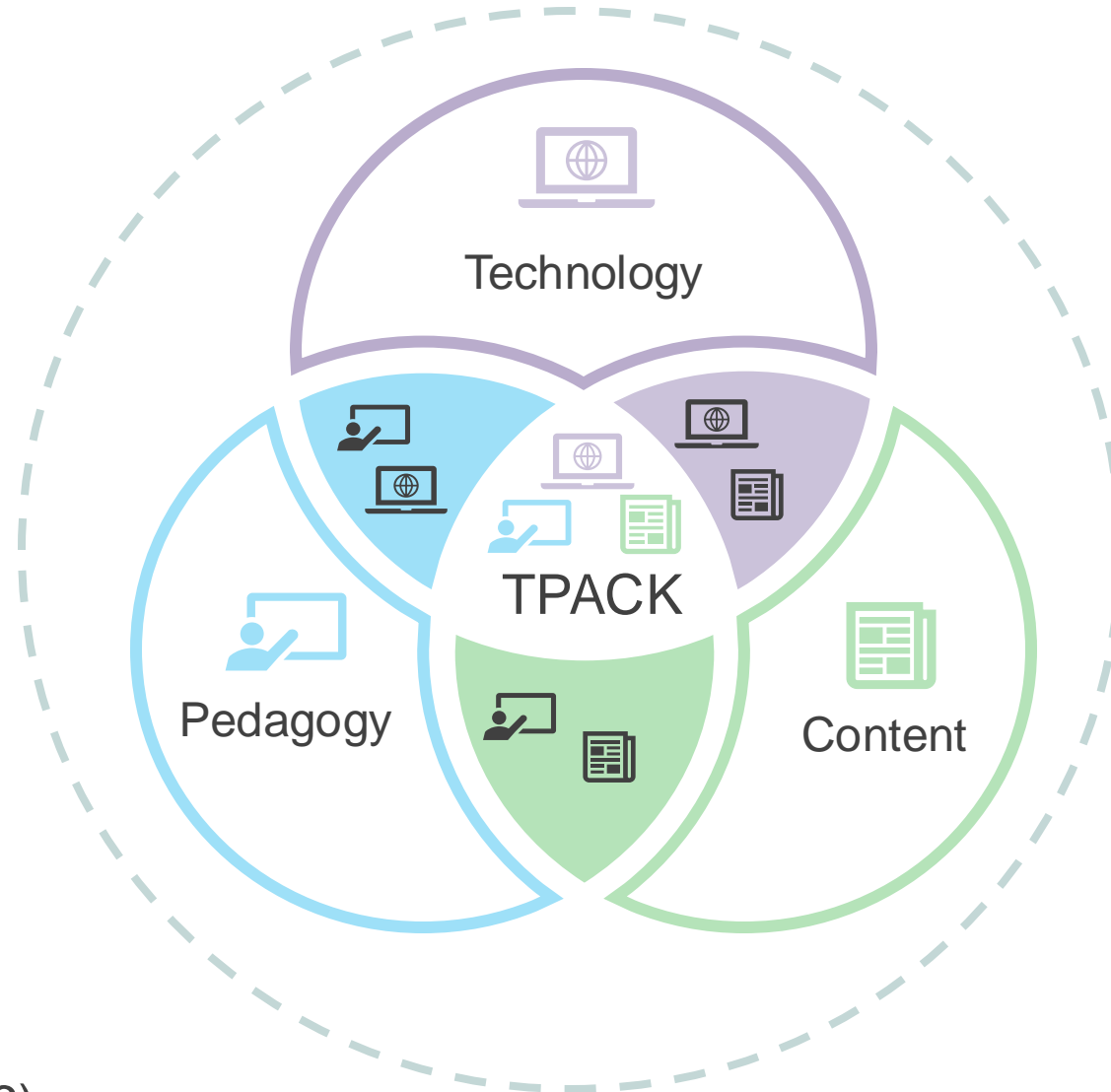
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# Technological Pedagogical Content Knowledge



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(Mishra and Koehler, 2006)

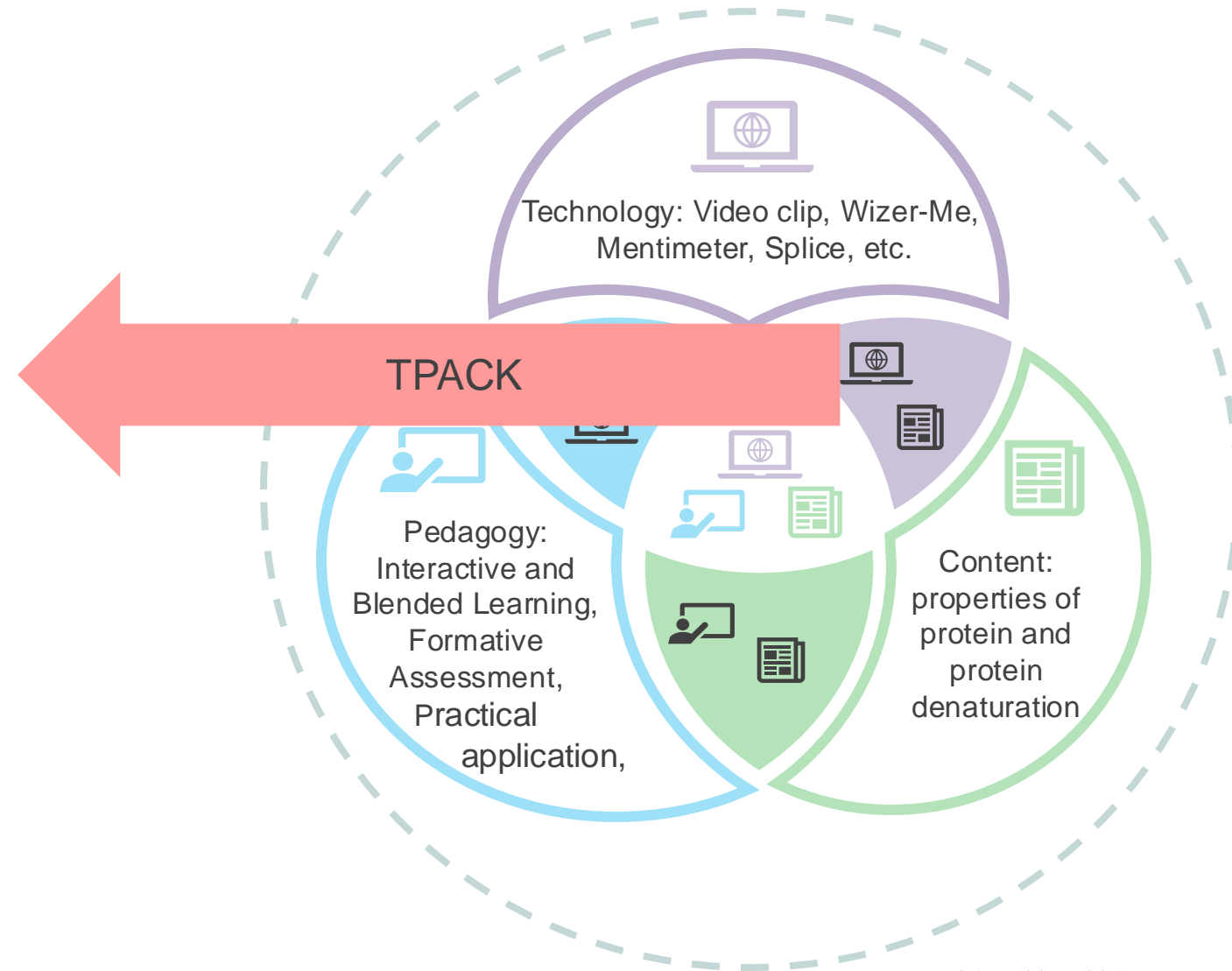
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# TPACK in the HEC Classroom

**TPACK:** students create a short video clip or presentation demonstrating how they met the class learning intentions and completed the assessment. It is then uploaded to Google Drive, allowing the teacher to review the student's learning and provide formative feedback.



(Mishra and Koehler, 2006)



# Teacher Voice - Video Clip

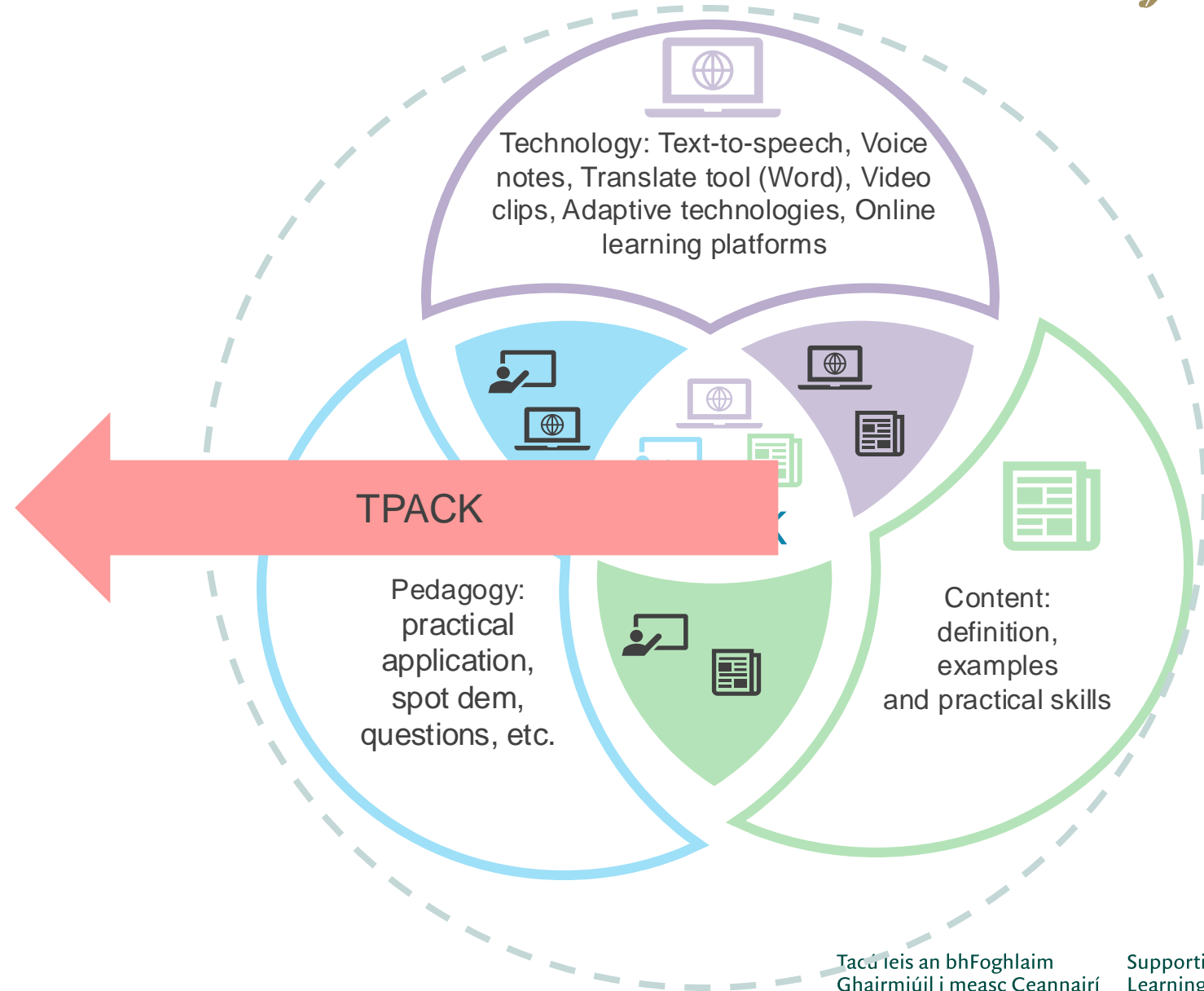
My name  
is Emily  
Phelan



# TPACK in the HEC Classroom



**TPACK:** Emily's use of digital technologies exemplifies the TPACK model by seamlessly integrating technology, pedagogy, and content knowledge to create an inclusive, engaging, and effective learning environment for all students.



(Mishra and Koehler, 2006)

# Digital Technologies Supporting the Inclusive Classroom



Choice Board			





# At Hive to Support Inclusion

The screenshot shows the AT HIVE website. At the top, there is a pink header with the text "AT HIVE" in large, bold, black letters. To the right of the header, it says "Assistive Technology Resource" and includes a row of icons representing various assistive technologies: a smartphone, a tablet, a magnifying glass, a microphone, headphones, a clock, a speech bubble, and a computer monitor. Below the header is a navigation bar with four buttons: "The AT Hive?", "Discover your Assistive Technology", "Our 12 AT Categories", and "Back to AHEAD". The main content area has a heading "'AT Hive' - An Assistive Technology Resource." followed by two paragraphs of text. The first paragraph welcomes users and mentions a new navigation tab. The second paragraph explains the aim of the resource. To the right, there is a "Welcome to AT Hive" section with a short paragraph and a video player showing a thumbnail of the AT HIVE logo.



AT HIVE  
<https://shorturl.at/cTLwu>

# Oide Digital Technologies – UDL



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**Oide Digital Technologies Team**  
@OideDigitalTechnologiesTeam · 1.03K subscribers · 145 videos  
Welcome to the Oide Digital Technologies Team Channel. ...more  
[oide.ie](#) and 4 more links  
[Subscribe](#)

Home Videos Playlists



<https://tinyurl.com/y9p4bk23>



# Oide Digital Supports for EAL

Padlet

Oide • 2d

## Digital Supports for EAL

This Padlet will be regularly updated with digital supports for the teaching of EAL in the classroom.

Live Subtitles/Translations: + ...

- Describe - Accessible Audiograms**  
Video • 02:20  
Describe - How to
- Closed captions in Google Slides**  
YouTube  
Closed captions in Google Slides
- YouTube Closed Captions Translator (How to video)**  
Video • 00:48  
YouTube Closed Caption
- DeepL - Translator**  
deepl.com  
DeepL Translate: The world's most accurate translator
- Translating Subject Specific Sites**  
YouTube  
Translating subject specific websites
- Present slides with captions (Google Slides Add-on)**  
Present slides with captions  
Recommended browser & screen readers  
Step 1: Set up your microphone  
DOCX  
Present slides with captions Google Docs Add on
- Google Lens App (Android and iOS)**  
lens.google  
Google Lens - Search What You See
- Using Google Translate Chrome Extension to Support EAL Learners (YouTube Tutorial)**  
YouTube
- Google Translate Language Codes for Google Sheets**
- Using Google Docs to Support EAL Learners (YouTube Tutorial)**
- Using Microsoft Translator (Instructional Video)**
- PowerPoint Live (How to video)**



<https://shorturl.at/RTy94>

# Statistics to support Digital Technology



Approximately 78% of students reported that the use of digital tools in the classroom makes learning more engaging and enjoyable.

(ERC, 2022)

**8–12 Year Olds**  
in primary school

**12–14 Year Olds**  
in secondary school

Have their own smart device

**94%**

- Tablet 59%
- Games console 57%
- Smartphone 49%
- Laptop 21%

**99%**

- Smartphone 97%
- Games console 59%
- Tablet 49%
- Laptop 42%

(Cybersafe Kids, 2024)

90% of parents believe that digital skills are essential for their children's future.

(DE, 2022)

# Student Voice - Video Clip



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# BOR Activity



Digital Technologies Activity Draw Play

**BOR 1** Learning, teaching or assessment moment ...

"One change" using digital technologies...

Icons Tab

Text

Post-it





# Digital Technologies Activity

Join

a breakout room, unmute audio and start your video camera

Consider

“one change” that could be made to a learning, teaching or assessment moment where Digital Technologies would support a more student-centred and inclusive learning experience

Time

15 minutes



<https://shorturl.at/h0mna>

# Share the Learning



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# Learning Intentions


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# Further Supports









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### Using Digital Technologies to Foster Inclusion in the Home Economics Classroom







  







### Key Documents






### Digital Technologies to Support Inclusion



   

### Oide, Webwise and UDL Supports

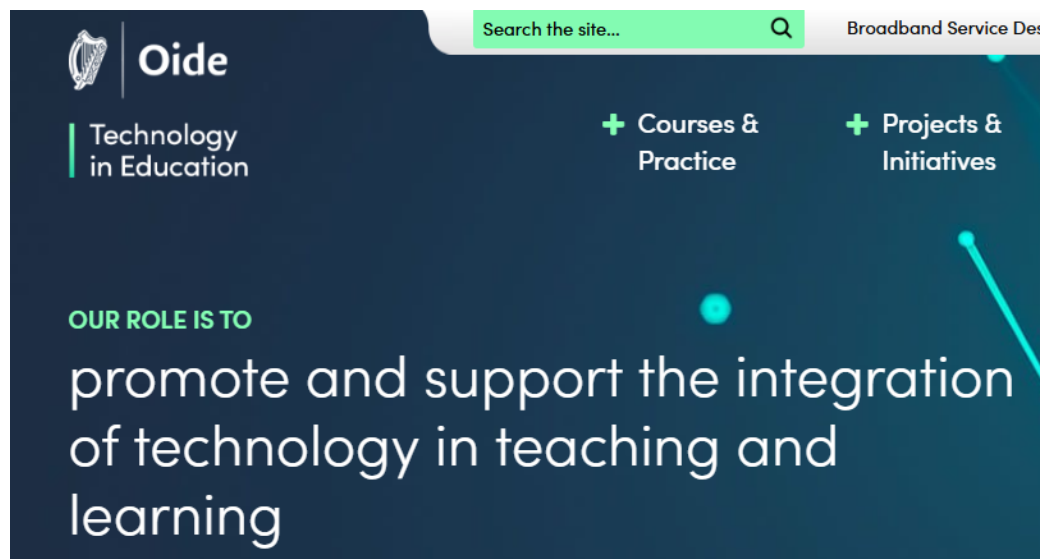
 @Oide\_HomeEc  [www.oide.ie](http://www.oide.ie)

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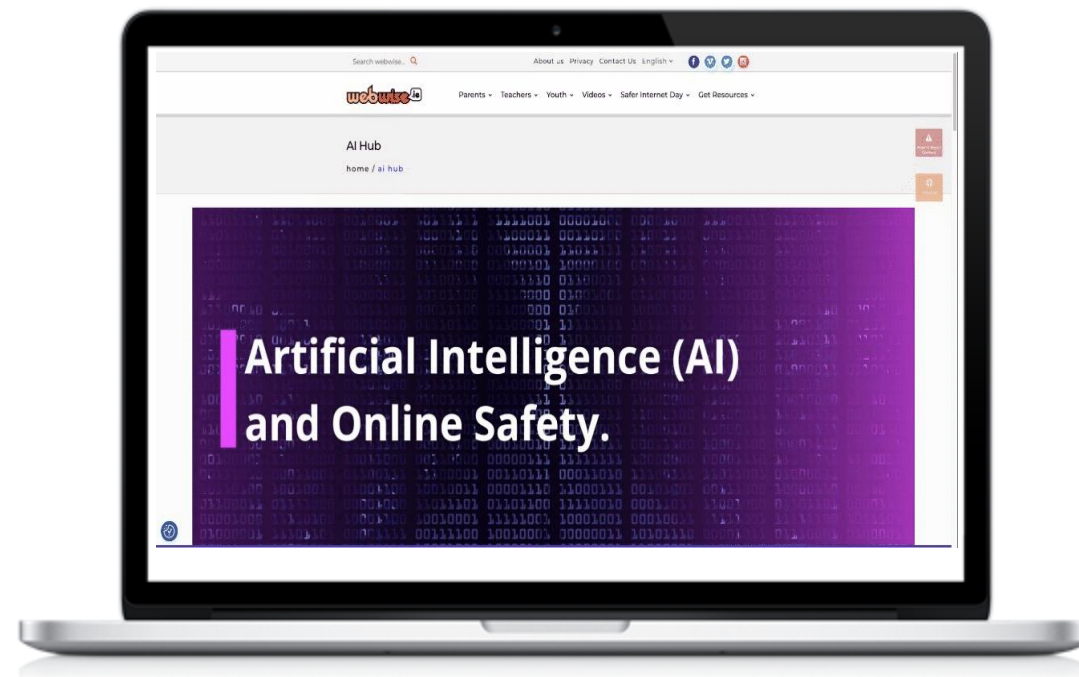


# Oide – Technology in Education



[Digital Technology to Support Inclusive Education](#)

[Webinars - Oide Technology in Education](#)



[Webwise - AI Hub](#)

# Feedback



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# Connect with Us



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[www.oide.ie](http://www.oide.ie)



[info@oide.ie](mailto:info@oide.ie) /  
[eolas@oide.ie](mailto:eolas@oide.ie)



X [@Oide\\_HomeEc](https://twitter.com/Oide_HomeEc)



School support  
[oide.ie/apply-book-now/schools/](http://oide.ie/apply-book-now/schools/)



# References:



- Bruce, Alan & Barendsen, R.M. & Cloonan, Stephanie & Kouroupetroglou, Georgios & Lau, Gabi & Pitsali, Yioula & Rauhala, Sisko & Villanueva, Marian & Wierda, Roelien & Zygouritsas, Nikos. (2016). Pathway to UDL. 10.13140/RG.2.2.20397.49129.
- CAST, 2024. Universal Design for Learning. [online] Available at: <https://www.cast.org/what-we-do/universal-design-for-learning/> [Accessed 14 February 2025].
- CSK Technical University (2024) CSK-TU-Report-23-24-Final. [PDF] Available at: [<https://www.cybersafekids.ie/wp-content/uploads/2024/08/CSK-TU-Report-23-24-Final.pdf>] (Accessed: 14 February 2025).
- Department of Education, 2022. Digital Strategy for Schools to 2027. [online] Available at: <https://www.gov.ie/en/publication/69fb88-digital-strategy-for-schools/> [Accessed 14 February 2025].
- Department of Education and Skills, 2023. ESD to 2030: Second National Strategy on Education for Sustainable Development. [pdf] Available at: <https://assets.gov.ie/228330/c69895a6-88f0-4132-b6d1-9085a9c31996.pdf> [Accessed 14 February 2025].
- Department of Education and Skills, 2025. Guidelines for Post-Primary Schools Supporting Young People with Special Educational Needs in Mainstream Classes. [pdf] Available at: <https://assets.gov.ie/304624/11d4bc18-7205-4cc9-b3e9-8593a143bd8b.pdf> [Accessed 14 February 2025].
- Department of Education and Skills, 2024. Ireland's Literacy, Numeracy and Digital Literacy Strategy 2024-2033: Every Learner from Birth to Young Adulthood. [pdf] Available at: <https://assets.gov.ie/293255/a509a8d7-a4ac-43f9-acb0-29cdc26a1327.pdf> [Accessed 14 February 2025].
- Department of Education and Skills, 2024. Looking at Our School 2022: A Quality Framework for Post-Primary Schools. [pdf] Available at: <https://assets.gov.ie/232730/4afcbe10-7c78-4b49-a36d-e0349a9f8fb7.pdf> [Accessed 14 February 2025].
- Department of Education. (2024). The Department of Education Inspectorate Report 2021-2023 and Thematic Review. [online] Available at: <https://www.gov.ie/en/publication/92ce9-the-department-of-education-inspectorate-report-2021-2023-and-thematic-review/> [Accessed 24 Feb. 2025].
- Educational Research Centre (2022) New ERC report examines trends in digital technologies in post-primary schools and students' school and home contexts. [Online] Available at: <https://www.erc.ie/2022/09/29/new-erc-report-examines-trends-in-digital-technologies-in-post-primary-schools-and-students-school-and-home-contexts/> (Accessed: 14 February 2025).
- Koehler, M., 2012. TPACK Explained. [online] Available at: <https://matt-koehler.com/tpack2/tpack-explained/> [Accessed 14 February 2025].
- Ministry of Education, 2022. UDL Thinking Cycle with Descriptions. [pdf] Available at: <https://ncea-live-3-storagestack-53q-assetstorages3bucket-2o21xte0r81u.s3.amazonaws.com/s3fs-public/2022-08/UDL%20thinking%20cycle%20with%20descriptions.pdf?VersionId=Sw1RVHXulJyljuPclSkjHLipat.SDjoW> [Accessed 14 February 2025].
- National Centre for Technology in Education, 2012. Webwise AUP Guidelines: Developing Internet Policy in Your School. [pdf] Available at: <https://www.webwise.ie/wp-content/uploads/2014/06/WebwiseAUPGuidelines-1.pdf> [Accessed 14 February 2025].
- National Council for Curriculum and Assessment, 2022. Focus on Learning: Supporting Effective Assessment Practices. [online] Available at: <https://ncca.ie/en/junior-cycle/assessment-and-reporting/focus-on-learning/> [Accessed 14 February 2025].
- Oide Technology in Education, 2025. Oide Technology in Education. [online] Available at: <https://www.oidetechnologyineducation.ie/> [Accessed 14 February 2025].

