

Take a Universal Design for Learning (UDL) approach

A suggestion for implementing the strategy 'Reduce barriers to learning' from the Guide:

[Technology tools for learning](#)

Includes:

- Benefits of UDL
- Three UDL principles
- Plan using UDL
- Consider potential barriers
- Make tools available to all
- Useful resources

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Guide: [Technology tools for learning](#)

Strategy: [Reduce barriers to learning](#)

Suggestion: [Take a Universal Design for Learning \(UDL\) approach](#)

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Benefits of UDL

UDL is an approach to designing learning that is accessible for all learners.

Taking a UDL approach ensures that learners:

- have the tools and supports that work for them
- have equitable access to learning opportunities
- are provided with flexible options rather than a one-size-fits-all approach
- are able to adjust the content to suit their learning needs.

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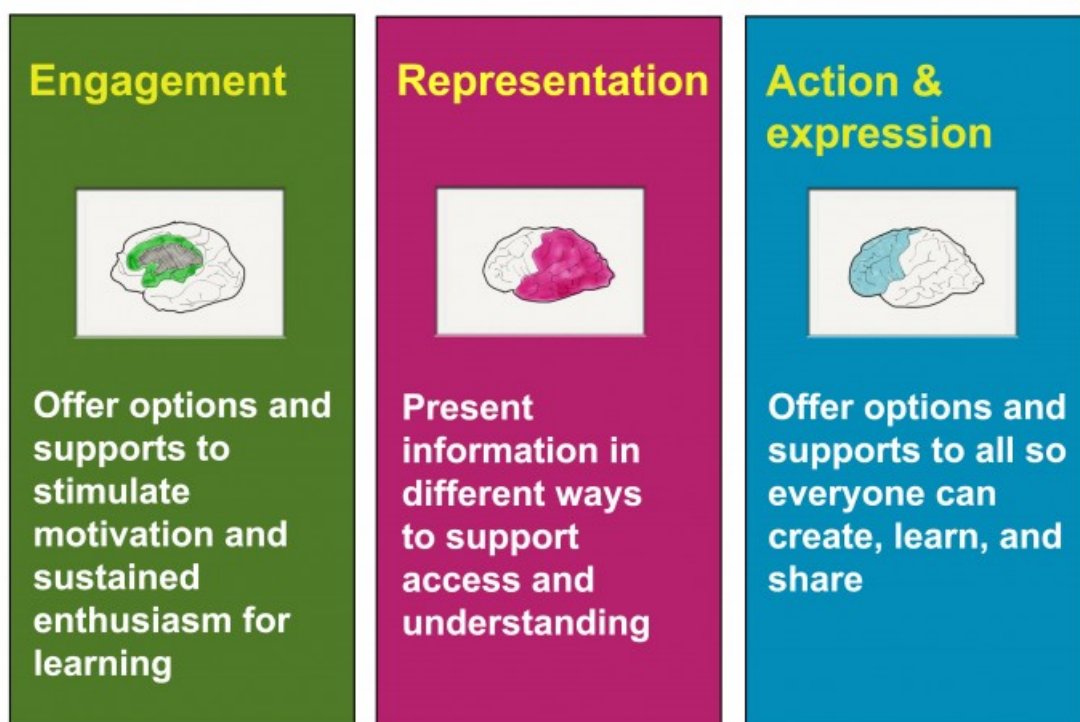
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Three UDL principles



Universal Design for Learning: 3 principles

Source:

Adapted from CAST

<http://udlguidelines.cast.org>

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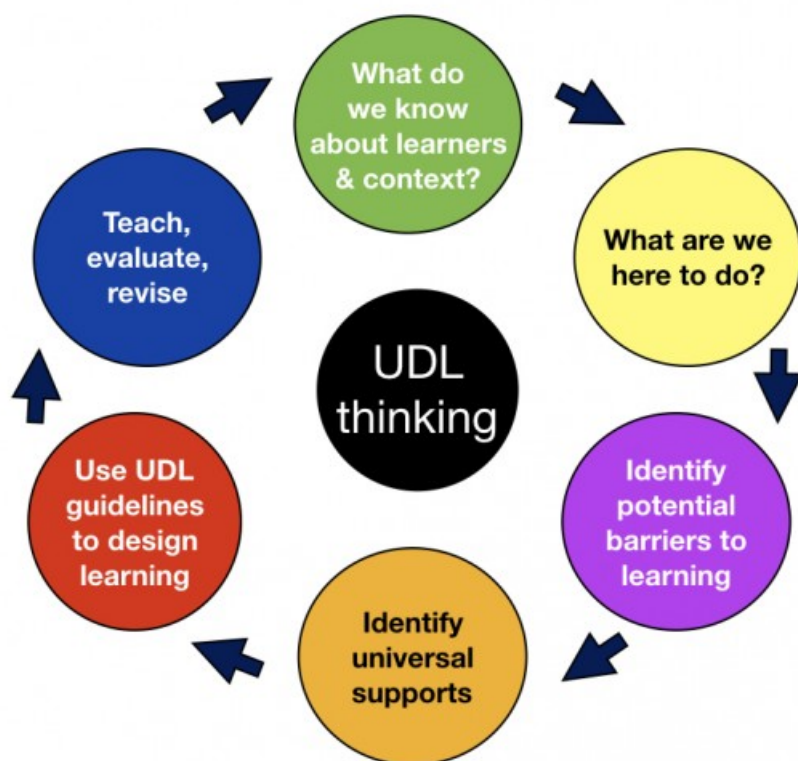
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Plan using UDL



Christie Butler 2013 

Source:

CORE Education

<https://core-ed.org/>

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Consider potential barriers

Barriers are often created when we offer single, inflexible approaches.

Consider these examples of barriers. How could you use technologies or offer a range of approaches to remove these barriers?

Knowledge of learner	Design choice	Potential barrier
Low vision	Paperback book	Text cannot be enlarged
Decodes text slowly	15 minute time frame for multiple choice text	Insufficient time to complete test
Uses a wheelchair	Class presentation on the school stage	Steep flight of steps up to the stage
Hard of hearing	Videos without closed captions	Unable to access content

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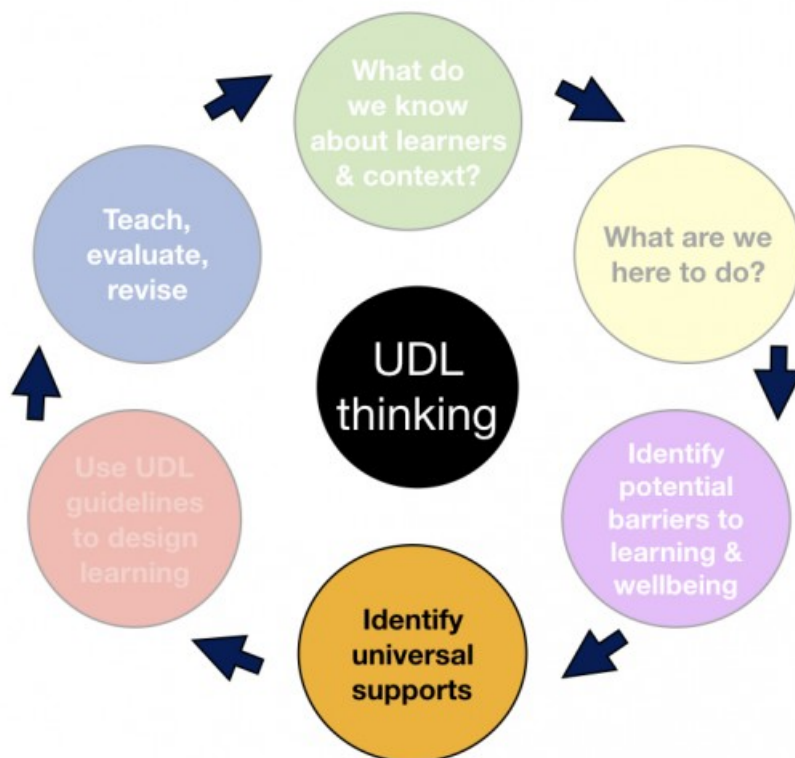
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Make tools available to all



Chrissie Butler CORE Education Adapted from Planning for All Learners cycle CAST 2012

Source:

CORE Education

<https://core-ed.org/>

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Useful resources



Ending Streaming in Aotearoa

Read time: 20 min

Publisher: Tokona Te Raki | Māori Futures Collective

[Visit website](#)



UDL and the Learning Brain

Read time: 5 min

A rationale for UDL based on findings from neuroscience.

Publisher: CAST (2024)

[Visit website](#)

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