

## UDL

### Competencies & Evidence

#### What you will know and be able to:

- Develop a common understanding of UDL through its three principles.
- Identify and describe the three neural networks to support learning.
- Describe each UDL guideline and identify examples and resources that support each guideline.
- Utilize and apply the UDL guidelines to your lesson plans to meet the needs of all learners.

#### Evidence of Learning

- Explain the background of how UDL was developed and recognize applications of Universal Design in everyday surroundings.
- Respond to and reflect on questions activating different areas of the brain.
- Examine the UDL Center website for the UDL principles and describe each principle and classroom application.
- Create a lesson plan that incorporates the UDL guidelines.

## UDL and KtO

Universal Design for Learning (UDL) is a framework that allows teachers to address all learners by meeting their diverse needs and abilities through the three principles that are based on brain research. They are

- *Multiple Means of Representation;*
- *Multiple Means of Action and Expression;*
- *Multiple Means of Engagement.*

#### Keystones to Opportunity Connections

These principles are embedded in the KtO grant by

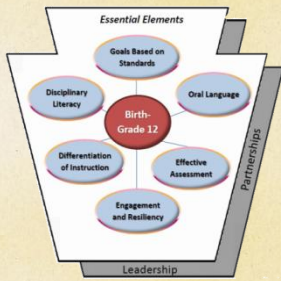
- Providing multiple ways for learners to acquire information and knowledge, e.g., auditory, visual, activate prior knowledge;
- Providing learners multiple ways to demonstrate their knowledge, e.g., podcasts, graphic organizers, voice recording;
- Engaging and challenging learners by tapping into their interests, e.g., varying levels of challenge, real world examples, providing choices;

- Utilizing technology to support all learners, e.g., text-to-speech, closed captioning, enlarge fonts;
- Ensuring that learning activities and the curriculum are accessible to all learners.

## UDL Connections

UDL is adapted from the Universal Design concept found in architecture that removed barriers to provide access for all users. An example is curb cuts that are accessible for wheel chairs, strollers, bike riders etc.

In education, UDL removes barriers in curriculum and instruction by providing flexible opportunities for students thus, increasing engagement.



## The Pennsylvania Comprehensive Literacy Plan

UDL supports the PA Comprehensive Literacy Plan by removing barriers in the classroom and offering flexibility in how students learn and present information

*through engagement and resiliency by*

- Providing students choices in using tools, technology, mediums and topics;
- Promoting collaboration;
- Facilitating authentic tasks and

*through differentiation of instruction by*

- Activating background knowledge;
- Varying levels of challenges;
- Supporting background knowledge.

## PA Common Core and UDL

## Keystones to Opportunity:

**Pennsylvania's Vision for Sustainable Growth in Reading Achievement**

The Pennsylvania Common Core Standards are rigorous standards that set high expectations for students to be college and career ready. UDL provides flexible means for students to learn the content and demonstrate what they know by

- Making text available in a variety of formats;
- Providing multiple visual and physical examples i.e., manipulatives, handheld devices;
- Highlighting big ideas and critical information.



## Universal Design for Learning (UDL)

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