ACCESS, ENGAGE & EXPRESS: How to Personalize Learning Using the UDL Lens

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How to Personalize Learning Using the UDL Lens

Presented by Kathleen McClaskey and Martin McKay
What is personalized learning?
Personalized learning starts with the learner who:

- Owns their learning
- Has voice and choice in their learning
- Is engaged and self-directed, advocates for their learning, sets goals and monitors progress
- Masters competencies
- Selects and uses tools to support their learning
- Has skills and strategies for lifelong learning.
UDL in the ESSA

With the Every Student Succeeds Act (ESSA), federal K-12 education law now defines and endorses Universal Design for Learning (UDL) as a scientifically-based approach for personalizing learning.

Universal Design for Learning is a registered trademark of CAST, Inc.
Why personalize learning using the UDL lens of....

- To create a common language between teacher and learner that can be used in daily practice
- To empower the learner to tell their story about who they are and how they learn in a Learner Profile
- To build a Personal Learning Backpack of tools, apps, skills and strategies to support learning
- To set goals and gain skills in a Personal Learning Plan
- To develop learner agency
- To discover the learner in every child.

ACCESS
EXPRESS
ENGAGE
The UDL Lens of Access, Engage and Express™ based on the UDL Principles

ACCESS
- Multiple means of representation

ENGAGE
- Multiple means of engagement

EXPRESS
- Multiple means of action and expression

*The UDL Lens of Access, Engage and Express is a trademark of Kathleen McClaskey*
## Personalize Learning for All Learners using The UDL Lens

<table>
<thead>
<tr>
<th>Access</th>
<th>Engage</th>
<th>Express</th>
</tr>
</thead>
<tbody>
<tr>
<td>by transforming information into useable knowledge through&lt;br&gt; ● digital media&lt;br&gt; ● touch&lt;br&gt; ● audio&lt;br&gt; ● visual media</td>
<td>with content using&lt;br&gt; ● interactives&lt;br&gt; ● video&lt;br&gt; ● problem solving&lt;br&gt; ● designing&lt;br&gt; ● collaboration&lt;br&gt; ● reflection</td>
<td>actions through&lt;br&gt; ● writing&lt;br&gt; ● presenting&lt;br&gt; ● storytelling&lt;br&gt; ● multimedia&lt;br&gt; ● building&lt;br&gt; ● making sense of learning</td>
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The UDL Lens used by Teacher and Learner

[Diagram showing the UDL Lens with three overlapping circles labeled ACCESS, EXPRESS, and ENGAGE, and two images labeled learner and teacher]
The Process in Creating a Learner with Agency

Learner Profile

- Strengths
- Challenges
- Preferences and needs
- Interests, Talents, Aspirations and Passions

Personal Learning Backpack™

- Tools, Apps and Resources
- Learning Skills and Strategies
- Develop Learning Goals

Personal Learning Plan™

- Learning Goals: Access, Engage and Express
- Personal Goals
- College, Career and Citizenship Goals
Create a Learner Profile (LP) with the UDL Lens

- Strengths
- Challenges
- Preferences and needs
- Interests, Talents, Aspirations and Passions
**Learner Profile**

- **Words about me:** curious, imaginative, artistic, friendly
- **Interests:** soccer, baseball, history
- **Talents:** storytelling, drawing, connecting the dots, mental math
- **Passionate about:** fishing, having a business one day
- **Aspirations:** forest ranger, comic book illustrator

<table>
<thead>
<tr>
<th>Access</th>
<th>Strengths</th>
<th>Challenges</th>
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<tbody>
<tr>
<td></td>
<td>• I can visualize what I hear.</td>
<td>• I often do not understand what I read.</td>
</tr>
<tr>
<td></td>
<td>• I connect to ideas I already know.</td>
<td>• I have trouble focusing.</td>
</tr>
<tr>
<td>Engage</td>
<td>• I like to lead and collaborate with others.</td>
<td>• I don’t like doing difficult tasks.</td>
</tr>
<tr>
<td>Express</td>
<td>• I draw what I am thinking.</td>
<td>• I have trouble putting thoughts to paper.</td>
</tr>
<tr>
<td></td>
<td>• I like telling stories.</td>
<td>• I find note-taking difficult.</td>
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<tr>
<td></td>
<td>• I am a good presenter &amp; speaker.</td>
<td></td>
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Build a Personal Learning Backpack (PLB)

- Tools, Apps and Resources
- Learning Skills and Strategies
- Develop Learning Goals
<table>
<thead>
<tr>
<th>Preference and Needs</th>
<th>Tools, Apps, Resources, Learning Strategies and Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Access</strong></td>
<td><strong>iPad, Read&amp;Write, YouTube</strong></td>
</tr>
<tr>
<td>• I need to use a text-to-speech tool for reading.</td>
<td>• Uses TTS tool to read digital materials</td>
</tr>
<tr>
<td>• I prefer to use video for understanding.</td>
<td>• Selects video tutorials to walk through step-by-step instructions.</td>
</tr>
<tr>
<td><strong>Engage</strong></td>
<td><strong>DropBox, Google Drive, Toodledo</strong></td>
</tr>
<tr>
<td>• I need tasks to be broken down into smaller tasks.</td>
<td>• Creates folders and files to manage resources and images.</td>
</tr>
<tr>
<td>• I prefer to work with a partner.</td>
<td>• Uses a checklist of smaller tasks along with due dates to organize projects tasks.</td>
</tr>
<tr>
<td><strong>Express</strong></td>
<td><strong>iPad, Notability, iMove, Popplet</strong></td>
</tr>
<tr>
<td>• I need to use note taking tools.</td>
<td>• Learns to use Notability to draw, take notes and record voice.</td>
</tr>
<tr>
<td>• I prefer graphic organizers for ideas.</td>
<td>• Organizes writing using Popplet.</td>
</tr>
<tr>
<td>• I prefer to present orally.</td>
<td>• Creates presentation with captions using iMovie.</td>
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</tbody>
</table>
Design a Personal Learning Plan (PLP)

- Learning Goals: Access, Engage and Express™
- Personal Goals
- College, Career and Citizenship Goals
# My Personal Learning Plan

<table>
<thead>
<tr>
<th>Name: ________________</th>
<th>Progress</th>
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## Access Goal 1

**I want to learn how to use text-to-speech tools or apps to support my reading and comprehension of learning materials and texts.**

### Evidence of reaching my goal:
- Completing comprehension questions or an assignment using tools or apps independently from my PLB.
- Demonstration of independent reading using the tools from my PLB.

### Steps – Action steps that will help meet my goal

1. Set a schedule to work with my technology coach or a peer tutor to learn the TTS tool or apps.
2. Read textbook, handout, assigned novel or online content using TTS tool or apps.
3. Learn and apply comprehension strategies using highlighting and mind-mapping tools, and supportive writing tools.

### Date Achieved:
**My Personal Learning Plan**

**College and Career Goal 1**

I would like to have an ELO on what it takes to become a park ranger for the US Forest Service

**Evidence of reaching my goal:**
- ELO with a park ranger
- ELO Portfolio or presentation of experience of met competencies.

**Steps – Action steps that will help meet my goal**

1. Meet with my advisor or counselor to discuss an ELO with a park ranger in the local region.
2. Develop an ELO proposal and submit to my advisor or counselor.
3. Coordinate a time to with with a park ranger and develop a schedule to participate in my ELO.
4. Reflect on ELO experience in a blog and create an ELO Portfolio.

**Date Achieved:**
Learner Profile (LP) + Personal Learning Backpack (PLB)™ = Personal Learning Plan (PLP)™

Each Learner:

- Proactive in their learning.
- Selects appropriate tools and resources based on how they prefer or need to access, engage, and express.
- Develops learning strategies and skills to support their learning.
- Sets goals and action steps for college, career and citizenship.
- Reflects on evidence of learning.
- Self-directs and monitors their progress in learning.
- Future Ready for College and Career.

Outcomes: Learner Agency & Self Advocacy
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Co-author of Bestsellers

Make Learning Personal

and

How to Personalize Learning –
A Practical Guide for Getting Started and Going Deeper!

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hello,
i’m martin.

Martin McKay
Chief Technical Officer
Texthelp
consider their strengths

leading a group  detailed writer  ideas person  likes to draw
do they need extra help?

with reading

writing

organizing

or confidence
What is a volcano?
A volcano is a conical hill or mountain formed by material from the mantle being forced through an opening or vent in the Earth's crust.

What are active, dormant and extinct volcanoes?
Volcanoes are found in three states - extinct, dormant and active. An extinct volcano will never erupt again. A dormant volcano has not erupted in 2000 years. An active volcano has erupted recently and is likely to erupt again.

What are the different types of volcano?
There are a number of different types of volcanoes. The way they are formed depends on a number of factors e.g. the fluidity of the lava (how runny it is) and the temperature of the lava.

Shield volcanoes are common in Hawaii and Iceland. They are formed of a low viscosity lava and a low rate of eruption.
Big Questions: Why do leaves change colors?

It wouldn't feel like fall without the sight, smell and oh-so-familiar crunch of fallen leaves. But why do some trees change their colors — and then give up their leaves — as autumn sets in?

First, a bit about why leaves are usually green. Humans have to eat food to get the nutrients that keep us alive, but plants use the sun to power photosynthesis (pronounced fo-toe-SYN-thuh-sis). This **process** turns air and water into delicious, nutritious sugar. The secret to this sweet process is chlorophyll (CLORE-o-fill), which **absorbs** sunlight and happens to be green.

As winter approaches, the sun stays up for less time every day. That makes it hard for chlorophyll to keep trees sugared up, leaving them dependent on extra food from the summer. Trees stop producing new chlorophyll, because doing so would be a waste of energy. Soon, there's none left.

That explains where the green goes. But where do all those oranges and reds and yellows come in?

Chlorophyll usually steals the spotlight, but leaves also contain other pigments (that's a **substance** that provides color). These pigments include the ones that make carrots orange and turn egg yolks yellow. Without chlorophyll's green, these other pigments finally make themselves known.
At my PC

When I am walking

When my hands are busy

When I am feeling extra lazy / geeky
the future of personalized learning