Creating Project Based Learning Projects Using Universal Design for Learning for Issues of Diversity and Social Justice

Alex Chambers, PhD
William Paterson University
Wayne, NJ

1. Identify UDL connections.
2. Implement and model UDL principles.
3. Refer back to UDL principles and examples.
4. Students incorporate UDL into their end product.

Multiple Means to Achieve Equity

UDL

PBL

SJ

Societal
- Community
- Media
- Resources

Financial
- Poverty
- Income
- Wages

Political
- Law & Policy
- Local/State/Fed
- Elections

Goals → Means → Barriers

Multiple Means of Engagement
- Self-Regulation
- Sustaining Effort and Persistence
- Recruiting Interest

Multiple Means of Representation
- Comprehension
- Language, Mathematical Expressions and Symbols
- Perception

Multiple Means of Action & Expression
- Executive Functions
- Expression and Communication
- Physical Action

Project Based Learning Project
Student Learning Goals
Key Knowledge
- Content Standards
- Understanding
- Application
- Success Skills
- 21st Century Skills
- Critical Thinking
- Problem Solving

Challenging Problem or Driving Question

Sustained Inquiry

Authenticity

Student Voice & Choice

Reflection

Critique & Revision

Public Product

Goals

Means

Barriers

1. Identify UDL connections.
2. Implement and model UDL principles.
3. Refer back to UDL principles and examples.
4. Students incorporate UDL into their end product.

UDL

PBL

SJ

Societal
- Community
- Media
- Resources

Financial
- Poverty
- Income
- Wages

Political
- Law & Policy
- Local/State/Fed
- Elections

Goals → Means → Barriers

Multiple Means of Engagement
- Self-Regulation
- Sustaining Effort and Persistence
- Recruiting Interest

Multiple Means of Representation
- Comprehension
- Language, Mathematical Expressions and Symbols
- Perception

Multiple Means of Action & Expression
- Executive Functions
- Expression and Communication
- Physical Action

Project Based Learning Project
Student Learning Goals
Key Knowledge
- Content Standards
- Understanding
- Application
- Success Skills
- 21st Century Skills
- Critical Thinking
- Problem Solving

Challenging Problem or Driving Question

Sustained Inquiry

Authenticity

Student Voice & Choice

Reflection

Critique & Revision

Public Product

Societal

- Community
- Media
- Resources

Financial
- Poverty
- Income
- Wages

Political
- Law & Policy
- Local/State/Fed
- Elections

Goals

Means

Barriers

1. Identify UDL connections.
2. Implement and model UDL principles.
3. Refer back to UDL principles and examples.
4. Students incorporate UDL into their end product.

UDL

PBL

SJ

Societal
- Community
- Media
- Resources

Financial
- Poverty
- Income
- Wages

Political
- Law & Policy
- Local/State/Fed
- Elections

Goals → Means → Barriers

Multiple Means of Engagement
- Self-Regulation
- Sustaining Effort and Persistence
- Recruiting Interest

Multiple Means of Representation
- Comprehension
- Language, Mathematical Expressions and Symbols
- Perception

Multiple Means of Action & Expression
- Executive Functions
- Expression and Communication
- Physical Action

Project Based Learning Project
Student Learning Goals
Key Knowledge
- Content Standards
- Understanding
- Application
- Success Skills
- 21st Century Skills
- Critical Thinking
- Problem Solving

Challenging Problem or Driving Question

Sustained Inquiry

Authenticity

Student Voice & Choice

Reflection

Critique & Revision

Public Product

Societal

- Community
- Media
- Resources

Financial
- Poverty
- Income
- Wages

Political
- Law & Policy
- Local/State/Fed
- Elections

Goals

Means

Barriers

1. Identify UDL connections.
2. Implement and model UDL principles.
3. Refer back to UDL principles and examples.
4. Students incorporate UDL into their end product.

UDL

PBL

SJ

Societal
- Community
- Media
- Resources

Financial
- Poverty
- Income
- Wages

Political
- Law & Policy
- Local/State/Fed
- Elections

Goals → Means → Barriers

Multiple Means of Engagement
- Self-Regulation
- Sustaining Effort and Persistence
- Recruiting Interest

Multiple Means of Representation
- Comprehension
- Language, Mathematical Expressions and Symbols
- Perception

Multiple Means of Action & Expression
- Executive Functions
- Expression and Communication
- Physical Action

Project Based Learning Project
Student Learning Goals
Key Knowledge
- Content Standards
- Understanding
- Application
- Success Skills
- 21st Century Skills
- Critical Thinking
- Problem Solving

Challenging Problem or Driving Question

Sustained Inquiry

Authenticity

Student Voice & Choice

Reflection

Critique & Revision

Public Product