Choosing the Source of Personal Teaching Principles Workshop

Notes and Handouts
Choosing the Source of Personal Teaching Principles
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Purpose:
This workshop provided an overview of the source of teaching principles, and sought to enhance teaching methods through expansion and solidification of principles. Techniques for incorporation of other and new principles were also discussed.

Agenda:
The intended time for this workshop is 60 minutes.

Topics for this workshop include:
- Definition of teaching principles
- Principles and theories from the learning sciences
- Introduction to the PLAUD exercise

Goals:
1. Expand your conceptual framework of teaching principles
2. Participants leave with something helpful
Principles for Learning Activity and Instructional Design (PLAID)

The PLAID exercise is a straightforward method for distilling useful and practical ideas from various information sources, and for compiling a personal set of principles for use when designing learning activities. Source information for PLAID comes from learning research, theory, literature, and reflective observation.

PLAID uses research and scholarship to complement and reflect teaching experience. It is a multi-directional tool, meaning you can start by 1) reading teaching and learning research and literature and deriving applications to classrooms and your method of teaching, or 2) search for sources that support your pedagogical methods.

PLAID helps you to plan learning activities and instruction to create more effective pedagogy and to be a more scholarly teacher.

EXAMPLE

Source Information:

“Students come to the classroom with preconceptions that must be engaged or they will leave with the same conceptions.”


=PLAID:

1. Use knowledge probes to find out what students already know or think about a topic.

2. Small groups can be safe and comfortable environments for discussing different perspectives and/or understanding of particular topics.
Principles for Learning Activity and Instructional Design (PLAID)
Worksheet

Source Information:

=PLAID:
Applying the Science of Learning to the University and Beyond

- Practice at retrieval, promotes long-term retention
- Varying the conditions results in better learning
- Re-presenting information in alternative formats enhances learning
- Learning depends on prior knowledge
- Learning is influenced by our ideas about learning
- Experience alone is a poor teacher
- Lectures don’t promote deep understanding
- The act of remembering enhances the ability to remember
- Understanding a few things well, beats understanding a lot superficially when it comes to retention.
- How learning occurs determines how and when knowledge may be recalled.


Key findings in How People Learn

- Students come to the classroom with preconceptions that must be engaged or they will leave with the same conceptions
- Competence results from: (a) a base of factual knowledge; (b) knowledge built in context of a conceptual framework; and (c) knowledge organized for retrieval.
- A metacognitive approach makes for better learning and better learners.

Choosing the Source of Personal Teaching Principles Bibliography


Small Group Learning (SGL) Bibliography


