

Flipping Out



**Concepts of Inverted
Classrooms for
Teaching and Training**

with Paul Gordon Brown and Susan Marine



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A large, stylized Twitter bird logo in light blue, set against a dark blue background. The bird is facing right and is the central element of the image.

This session is **Twitter-friendly.**

#SAflipped

@paulgordonbrown

Goals for this session.

Participants will be able to:

1. Recall research that supports the need for new approaches to student learning and integration of technology into teaching and training programs.
2. Detail the benefits and concerns related to the use of classroom flipping concepts and digital technology in their teaching and training environments
3. Identify classroom flipping platforms and related digital tools that can be used in teaching and training and strategies for their deployment.
4. Articulate the time, resource, and human capital investments that must be made in order to create flipped learning environments.

Outline.

Background

Example from Teaching

Example from Training

Technology

Q&A

Background.

With the traditional
methods...

The Learning
is up here!

**Lectures are
common**






**Structures divide the
student and the teacher**

LIFE



**Technology and flipping helps
break down these barriers**



**Diverse learners
and
diverse learning
styles are better
accommodated**



**learning becomes a
co-constructed experience.**



What is flipping?

**Flipping uses class time smartly...
focusing on what it
is best suited for.**



Easiest to replicate online:

Delivery
Formats and
Modalities

Pathways
and Sequencing

Expert
Information

Knowledge
Acquisition

Harder to replicate online:

A Credential of
Accepted Value

Signals of
Aptitude

An
Affiliate
Network

Access to
Opportunities

Harder-er to replicate online:

Models of
Thinking
and Doing

Cognitive and
Employable
Skills

Facilitated
Practice

Coaching
and
Mentorship

Hardest to replicate online:

A Culture of
Personal Exploration

Personal
Transformation

A
Secured Life
Transition

A Rite of
Passage

Why flipping, why now?

- Lecture technology vastly improved
- Greater calls for accountability
- Michigan study showed appreciable gains for students who flipped

