When the Student Becomes the Teacher:

Strategies for Student Engagement and Ownership

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Session Summary

The session will discuss strategies for engaging and empowering students to take ownership for their own learning. It will focus primarily on creating opportunities for the students to become the teacher (student led learning) and teach each other in a flipped classroom setting using student led presentations/lectures, discussions, and student created assignments or quizzes for assessing what everyone has learned.
Learner Outcomes

By the end of this presentation, participants will be able to:

▪ Describe the benefits of student led teaching/learning.

▪ Recognize the relationship between student led teaching/learning, ownership, and empowerment.

▪ Explore ideas and identify opportunities to use student led learning in lecture and studio.

▪ Discuss best practices for student led learning.
A Vision of Students Today

A short video summarizing some of the most important characteristics of students today: how they learn, what they need to learn, their goals, hopes, dreams, what their lives will be like, and what kinds of changes they will experience in their lifetime.

https://youtu.be/dGCJ46yyR9o

Created by Michael Wesch in collaboration with 200 students at Kansas State University.
A Few Definitions...

- **Student-led teaching and learning** is an innovative form of active learning that empowers students with direct ownership of the learning experience.

- **Student-centered learning (SCL)** suggests students to engage actively as doers in educational settings who are empowered to decide on what, when, where, and how to learn.

- **Flipped classroom** is an instructional strategy and a type of blended learning that reverses the traditional learning environment by delivering instructional content, often online, outside of the classroom. It moves activities, including those that may have traditionally been considered homework, into the classroom.
Benefits of Student Led Teaching + Learning

- Higher grades and deeper understanding of the topic
- Increases attendance
- Enhances overall student engagement
- Collaborate and connect with classmates
- Empowers, builds confidence, and develops essential oral communication skills
- Sparks discussion, debate, and critique
- Creates ownership
Strategies for Student Engagement + Ownership

The student:
- Selects topic or project of interest
- Set the goals for the activity/assignment
- Sets the pace of learning/activity
- Self-assess and assess classmates

The educator:
- Provides a general guidance or a list of topics or activities to choose from
- Asks the student questions for clarification
- Facilitates and provides support when needed
- Does not correct
- Provides opportunities for collaborative and interactive learning
# Student Led Learning Benefits Research

<table>
<thead>
<tr>
<th>Claim</th>
<th>Impact on Learning</th>
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<tbody>
<tr>
<td><strong>Claim #1</strong>: Students can understand and explain the mastery of standards</td>
<td>1.44 (High Impact)</td>
</tr>
<tr>
<td><strong>Claim #2</strong>: Students master material instead of working through units on a teacher-paced learning outcome</td>
<td>0.58 (High Impact)</td>
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<tr>
<td><strong>Claim #3</strong>: Students improve verbalization of skill understanding and self question in the classroom</td>
<td>0.64 (High Impact)</td>
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<tr>
<td><strong>Claim #4</strong>: Teacher/student relationship grows and is key to the learning in the classroom</td>
<td>0.72 (High Impact)</td>
</tr>
<tr>
<td><strong>Claim #5</strong>: Students are able to meet goals they set for themselves</td>
<td>0.67 (High Impact)</td>
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Ideas + Examples for Student Led Learning

**Ideas:**
- Have students present on a topic instead of lecturing
- Have students create their own learning objectives
- Have students develop questions for quizzes and discussions
- Include self-assessment and reflection in your activities/assignments

**Examples:**
- Pecha Kucha presentations on a topic (20 slides/20 seconds)
- Student led historic building tour
- Innovative technologies/strategies in sustainable design presentation
AEC 100 Good and Bad Places Analysis Assignment

Students observed behavior in public places and analyzed the places based on Whyte’s Social Life of Small Urban Spaces Video/Documentary

By: Erick Arredondo-Barron
Student Led Historic Building Tour: AEC 100 - Introduction to Design Theory
Learner Engagement

1. Form a group.
2. Choose a course or topic from the list.
3. Brainstorm and explore how student led learning could be implemented in this course.
4. Report out and give one example from each group along with best practices.

Course or Topic Ideas:
- History of Architecture
- Building Codes
- Revit or AutoCAD
- Building Structures and Materials
- Innovative Strategies or Technologies
- Drawing and Rendering
- Sustainable Design
- Choose your own
References + Additional Resources

How Can We Help Students Take Ownership of Learning?
5 Ways to Increase Student Ownership in Your Classroom
Empowerment and Accountability: Power Tools for the Teacher/Student Relationship in the Inclusive Learning Environment
The Benefits of Student-Led Learning in International Schools
Teach Me: Student-Led Instruction Strategies
Visible Learning: A Synthesis of Over 800 Meta-analyses of Relating to Achievement
Student Led Learning: What Does the Research Say?
Teachers "Doing The Flip" To Help Students Become Learners
Using Bloom's Taxonomy as a Framework for Student-led Discussions

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