

Week 1: Day 1

Learning Styles

Overview:

This lesson is the first in-class activity related to Learning Styles. Prior to the start of the course, students completed an introduction to learning through experience and the Learning Style Inventory through a series of short videos, articles, assessments and reflective question prompts. Students will have a base knowledge of these concepts, so this in-class sessions is dedicated to briefly reviewing the key concepts and reinforcing knowledge through in-person exercises.

Goal:

Demonstrate an understanding of how Kolb's Learning Styles can be useful in the classroom.

Objectives:

By participating in this lesson, students will:

- Understand Kolb's Learning from Experience Cycle
- Define the 4 Learning Styles
- Identify their preferred learning style
- Explain ways to approach learning based on their preferred style

Anchor Vocabulary:

- Learning from Experience
- Learning Style

Materials and Media:

- [Learning Styles Slide Deck](#)

Lesson Outline	Lesson Description
Part 1: Agenda and Review of Learning Through Experience	Learning Through Experience Agenda Quick Review: Kolb's Learning through Experience <ul style="list-style-type: none">• David Kolb• Kolb's Learning Cycle and 4 stages<ul style="list-style-type: none">◦ Concrete Experience◦ Reflective Observation◦ Abstract Conceptualization◦ Active Experimentation• Why it's relevant to programming

<p>Part 2: Learning Styles Activity</p>	<p>Activity: Four Corners</p> <p>Directions:</p> <ol style="list-style-type: none"> 1. Show a an image of a piece of Ikea furniture. 2. Ask the class - How would you go about building this furniture? 3. Give 4 options and assign each option to a corner of the room. (1 – picked up pieces and started putting them together; 2 – read instructions through and then started building; 3 – started by looking at list of contents and counting them out to make sure they were all there before starting, 4 - read instructions, looked at pieces, and thought through how I would go about it before starting. 4. Tell students to go to the corner that most accurately describes how they would go about putting together the furniture. <p>Discussion:</p> <p>Q: What did this activity illustrate?</p> <p>A: (Hint: 1 = Accommodating, 2 =Diverging, 3=Assimilating, 4=Converging learning styles)</p> <p>Q: How might this relate to learning styles?</p> <p>Q: How does this relate to your work in the classroom, or your profession?</p>
<p>Part 3: Review Kolb's Learning Styles & Written Reflection</p>	<p>Kolb's Learning Styles</p> <p>The activity above related to Learning Styles. It shows that there are different ways to approach solving problem.</p> <p>Review 4 types of learning styles</p> <ul style="list-style-type: none"> ○ Accommodating ○ Diverging ○ Assimilating ○ Converging <p>Written Reflection</p> <p>Take 5 minutes for students to write about their learning style.</p> <ul style="list-style-type: none"> ● What is your learning style according to the assessment? ● What specific study tools will be most useful to me? ● What might I feel frustrating when learning software? <p>Group Discussion:</p> <ul style="list-style-type: none"> ● Raise of hands - who belongs to each group? ● Anyone like to share how knowing their learning style might help them take ownership over their learning?
<p>Part 4: Wrap up and Questions</p>	<p>Review Topics Covered</p> <p>Answer any lingering questions</p>

Additional Resources:

[Foundations Learning Styles Introduction](#)

[Online Article: Learning Styles Context](#)