

# Learning Styles

## ESTIMATED TIME

1 class period

## PREREQUISITES

- Computer Lab or computers with Internet access for each student to follow different instructions to download files.
- **Learning Styles How to Download a File From Sakai** presentation
- Projector for presentations
- **Learning Styles—Introduction to How You Learn Best** presentation
- For step 7 be prepared to demonstrate how to download the **Learning Styles—Introduction to How You Learn Best** presentation.

## RESOURCES AVAILABLE

- **Learning Styles Rubric**
- **Learning Styles How to Download a File From Sakai** presentation
- **Learning Styles—Introduction to How You Learn Best** presentation
- **Learning Styles Strategies**

## ACROSS THE CURRICULUM

An understanding of one's learning style can assist students in better understanding course material or communicating to their teachers about what style might serve them better.

## LESSON PLANNING

### LESSON GOAL

Identify personal learning styles and then analyze how this knowledge can be beneficial.

### Essential Question

What are my learning style strengths?

### Student Expectations

1. Attempt to follow different sets of instructions.
2. Participate in an introduction to learning styles.
3. Complete a strategy analysis of learning styles.
4. Participate in discussions about learning styles.
5. Compose a reflection of the results of the learning styles strategies worksheet.

### LESSON OBJECTIVES

1. Demonstrate understanding of different learning styles.
2. Identify which of the learning styles is a personal strength in various settings.
3. Identify strategies apply this learning style at internship sites and classes.

### RATIONALE

This lesson is set-up as a discovery lesson about the students' learning styles and can be very meaningful. Students have always been surprised and empowered by discovering their learning styles and applying that understanding to their internship and academic experiences. Young students often feel powerless in their education. They feel that they cannot figure out the *game* of school and can become easily frustrated. Other students feel as if school is a major strength of theirs and have nothing new to learn. This lesson meets both ends of this spectrum as it empowers all students in their learning.



Learning Styles Rubric



How to Download a File from Sakai



Introduction to How You Learn Best

## PROCEDURES: WHAT TO DO

1. **WHOLE GROUP** Hand out the *Learning Styles Rubric* to introduce the lesson and explain how students will be evaluated.
2. **INDIVIDUAL** Have each student at a computer but not logged in. Explain that they should listen carefully to the following oral instructions and then log into the computer and follow the instructions. If, at any time, a student becomes confused, lost, or has forgotten the instructions, he or she should stop and wait until everyone is ready to move on.
  - a. Log on to *Sakai*.
  - b. Click on the class 21<sup>st</sup> Century Skills.
  - c. Click on **Drop Box**.
  - d. Scroll over **Add**.
  - e. Select **Upload Files**.
  - f. Click on **Browse** and find a file you want to upload.
  - g. Click on **Upload Files Now**.
  - h. You're done!
3. **WHOLE GROUP** Once all students have either submitted an assignment or hit a stopping point, lead a discussion about how far they were able to proceed and what factors contributed to their success or failure. Have them log out.

### ASSESSMENT

**Oral Instructions** Follow oral instructions and then discuss their effectiveness.

4. **WHOLE GROUP** Present *Learning Styles - How to Download a File from Sakai* to the class so they can read the visual steps. Allow students to write the instructions on a piece of paper if they desire.
5. **INDIVIDUAL** Have students log back on the computer and attempt to follow the instructions they saw. They can consult their notes to attempt to download any file from *Sakai*. If at any point they get confused, they should stop and wait until everyone is ready to move on.
6. **WHOLE GROUP** After all students have completed the steps or hit a stopping point, have a discussion about how far they were able to proceed and why. Have them log out.

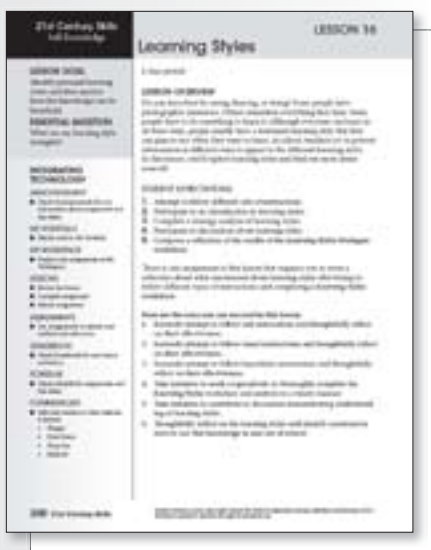
### ASSESSMENT

**Visual Instructions** Follow visual instructions and discuss their effectiveness.

7. **WHOLE GROUP** Next have students log back into *Sakai*. Use the projector to demonstrate each step for downloading the *Learning Styles—Introduction to the Way You Learn Best* presentation. After students complete the steps, have them individually open the presentation and go through it. The presentation will help them understand why they were able to find more success with one strategy over another. It will also help them learn about each style.



Learning Styles Strategies



Student Pages

### ASSESSMENT

**Hands on Kinesthetic Instructions** Follow demonstrated instructions.

- 8. WHOLE GROUP** Use the projector to go through the presentation as a whole group to reinforce the concepts. Discuss which style is most effective for different people.

### ASSESSMENT

**Hands on Kinesthetic Instructions** Follow demonstrated instructions and discuss their effectiveness.

- 9. SMALL GROUP** Break the class into groups of 3 or 4 and complete the *Learning Styles Strategies* worksheet, which will help them develop strategies and ideas for how they can implement their learning style into any class or internship.

### ASSESSMENT

**Small Group Application** Participate in small group to complete a learning styles strategies worksheet.

- 10. WHOLE GROUP** Make a class list of all the different ways of learning they experienced in this lesson. Discuss which was easiest to follow, which was most enjoyable, and which was most effective.
  - Oral
  - Visual
  - Hands on/kinesthetic
  - Whole class
  - Small group
  - Individual

Emphasize that different people will have different answers to those questions. Emphasize that all people learn in all ways, but individuals typically have a preferred learning style.

### ASSESSMENT

**Discussion** Participate in a discussion about learning styles.

## REFLECTION

Have students reflect on learning styles by responding in writing to the following prompt. Have them use the *Sakai* Assignments Tool to submit their reflection for evaluation.



## ASSIGNMENT

- What do you think your learning style is?
- How do you know this?
- In what ways, other than the activity today, have you seen this at your internship site? In classes? At home?
- What strategies did your small group come up with to implement your learning style at your internship site? In classes? At home?

### ASSESSMENT

**Reflection** Reflect on how to use knowledge of learning styles.

## INTEGRATING TECHNOLOGY

### ANNOUNCEMENT

- Use Announcements to remind students of assignments and due dates.
- Announcements should be coordinated with Assignments and Schedule.

### SCHEDULE

- Add Assignments to the Schedule

### EVALUATE/REVIEW

- Use Drop Box to access and evaluate student assignments
- Use Assignments to access and evaluate student assignments
- Student Portfolio
- Add a test or quiz if desired

### LESSONS

- Review Lessons
- Add Resources if desired
- Change a Lesson if desired
- Schedule a Lesson
- Unschedule a Lesson

### COMMUNICATE IF DESIRED

- Blogger
- Chat Room
- Drop box
- Mailtool
- Roster

### Ohio Academic Content Standards

#### Grade 9 English Language Arts Writing Applications

6. Produce informal writings (e.g., journals, notes and poems) for various purposes.

#### Grade 9 Technology

**Benchmark B:** Create, publish and present information, utilizing formats appropriate to the content and audience.

*Use of Communications*

3. *Evaluation* Validate use of communication techniques.

## ASSESSMENT

Use the *Learning Style Rubric* to evaluate student performance. Have students complete the rubric as a self-evaluation and then discuss the results.

In addition to the rubric, each submission should be evaluated individually for appropriateness to submit to the ePortfolio before posting.

## DIFFERENTIATING INSTRUCTION

### SPECIAL NEEDS

Students with IEPs may already have a good sense of their learning styles and abilities due to the various tests and reports that have been developed for them. This lesson, however, is still worthwhile for them, as it will allow them to see their learning style in action. They may have difficulty with a variety of steps, and so another student who is more comfortable with the technology can be seated close to them for support.

### GIFTED AND TALENTED

Gifted and talented students may be able to achieve success regardless of the procedures. Therefore, in order to get more information on their learning style, have them do some internet research for an online survey that they can take after the lesson is complete. During the actual lesson ask them to assist other students in the group work, but to not help others when they are to be attempting the procedures, as it would defeat the purpose. These students may also want to research multiple intelligences and figure out which one fits them based on what they learned in this lesson.

## ADDITIONAL RESOURCES

### WEBSITE SOURCES

Preview sites for appropriateness before recommending them to students. If links are broken, search for similar information.

Use these web sites to find useful background material for teachers about learning styles.

- <http://www.ldpride.net/learningstyles.MI.htm>
- <http://www.chaminade.org/inspire/learnstl.htm>

### BOOK RESOURCES

Learn about learning styles and multiple intelligences.

- Silver, Harvey F., Richard W. Strong, and Matthew J. Perini. *So Each May Learn: Integrating Learning Styles and Multiple Intelligences*. Association of Supervision and Curriculum Development, 2000.