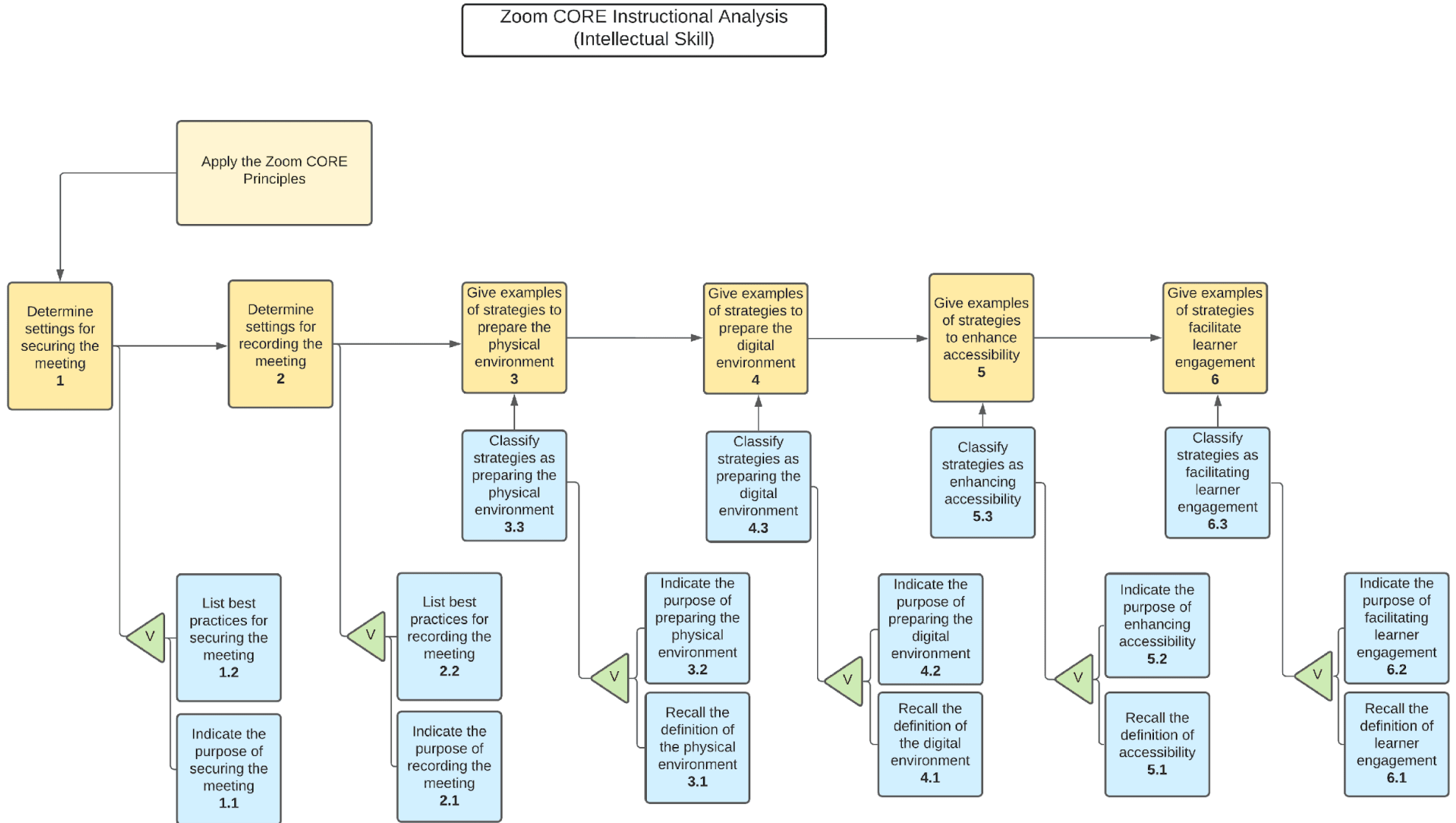


Zoom CORE Instructional Analysis



Performance Objectives in Order:

Objective 1.1 Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of securing the meeting.

Objective 1.2 Given a simple set of the Zoom CORE principles, accurately list 2 of the 4 best practices for securing the meeting.

Objective 1 Given a simple set of the Zoom CORE principles, a prescribed set of circumstances, and several options to choose from, determine how to configure the security settings for the meeting with at least 70% accuracy.

Objective 2.1 Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of recording the meeting.

Objective 2.2 Given a simple set of the Zoom CORE principles, accurately list 2 of the 4 best practices for recording the meeting.

Objective 2 Given a simple set of the Zoom CORE principles, a prescribed set of circumstances, and several options to choose from, determine how to configure the recording settings for the meeting with at least 70% accuracy.

Objective 3.1 Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of the physical environment.

Objective 3.2 Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of preparing the physical environment.

Objective 3.3 Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as preparing the physical environment.

Objective 3 Given a simple set of the Zoom CORE principle and a prescribed set of circumstances, provide an example of a strategy to prepare the physical environment. The example may match strategies provided in the instructional content or may be original so long as it aligns with the purpose of preparing the physical environment.

Objective 4.1 Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of the digital environment.

Objective 4.2 Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of preparing the digital environment.

Objective 4.3 Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as preparing the digital environment.

Objective 4 Given a simple set of the Zoom CORE principles and a prescribed set of circumstances, provide an example of a strategy to prepare the digital environment. The example may match strategies provided in the instructional content or may be original so long as it aligns with the purpose of preparing the digital environment.

Objective 5.1 Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of accessibility.
Objective 5.2 Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of enhancing accessibility.
Objective 5.3 Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as enhancing accessibility.
Objective 5 Given a simple set of the Zoom CORE principles and a prescribed set of circumstances, provide an example of a strategy to enhance accessibility. The example may match strategies provided in the instructional content or may be original so long as it aligns with the purpose of enhancing accessibility.

Objective 6.1 Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of learner engagement.
Objective 6.2 Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of facilitating learner engagement.
Objective 6.3 Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as facilitating learner engagement.
Objective 6 Given a simple set of the Zoom CORE principles and a prescribed set of circumstances, provide an example of a strategy to facilitate learner engagement. The example may match strategies provided in the instructional content or may be original so long as it aligns with the purpose of facilitating learner engagement.

Performance Objectives Grouped with Assessment Items:

Objective 3.1: Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of the physical environment.
Objective 4.1: Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of the digital environment.
Objective 5.1: Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of accessibility.
Objective 6.1: Given a simple set of the Zoom CORE principles and several options to choose from, correctly recall the definition of learner engagement.

Test Item: Match each of the following terms to the corresponding definition:

- Physical environment = the surrounding space and hardware used to Zoom.
- Digital environment = the virtual space allowing class interaction and communication; not limited to Zoom.
- Accessibility = the quality of being easy to use for as many people in as many circumstances as possible.

- Learner engagement = the degree to which learners participate in class activities; can be behavioral or cognitive.
- *Misleading answers:*
 - The quality of being open to change
 - The degree to which learners absorb information
 - The space for delivering information

Objective 1.1: Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of securing the meeting.

Objective 2.1: Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of recording the meeting.

Objective 3.2: Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of preparing the physical environment.

Objective 4.2: Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of preparing the digital environment.

Objective 5.2: Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of enhancing accessibility.

Objective 6.2: Given a simple set of the Zoom CORE principles and several options to choose from, correctly indicate the purpose of facilitating learner engagement.

Test Item: Match each of the following purposes to the corresponding Zoom CORE principle:

- Securing the meeting → To protect the meeting from potential threats
- Recording the meeting → To enable students to view or review lectures on their own time
- Preparing the physical environment → To create ideal conditions and leverage the most suitable hardware for class on Zoom.
- Preparing the digital environment → To practice with and set expectations for the use of Zoom features and other virtual tools
- Enhancing accessibility → To grant equitable learning opportunities for all students
- Facilitating learning engagement → To motivate students to take an active role in their learning
- *Misleading answers:*
 - To challenge the status quo and invoke change
 - To increase instructor availability and office hours
 - To augment students' capacity to process new information
 - To equip students with appropriate hardware

Objective 1.2: Given a simple set of the Zoom CORE principles, list 1 of the 2 best practices for securing the meeting.

(Pretest, Practice, and Posttest) Test Item: Please list one best practice for securing the meeting on Zoom:

1. _____

Acceptable answers:

- Protect the Zoom details and share link cautiously
- Enable two forms of security

Objective 2.2: Given a simple set of the Zoom CORE principles, list 2 best practices for recording the meeting.

(Pretest, Practice, and Posttest) Test Item: Please list two best practices for recording the meeting on Zoom:

1. _____
2. _____

Acceptable answers include:

1. Clearly name meeting
2. Ask for consent
3. Record to the cloud
4. Auto-record the meeting
5. Add media gallery to Canvas course
6. Consider options for student access
7. Review and edit closed captions

Objective 3.3: Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as preparing the physical environment.

Test Item: Which of the following are effective strategies for preparing the physical environment?

- a. Situating yourself in front of a window
- a. **Using a bluetooth headset while walking and talking away from the computer**
- b. Joining the call from your smartphone
- c. **Testing your computer speakers before class**
- d. **Testing your drawing tablet before class**
- e. Zooming from a busy Starbucks

Objective 4.3: Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as preparing the digital environment.

Test Item: Which of the following would be effective strategies to prepare the digital environment? (Select all that apply)

- a. **Creating a back-up plan in case of technology failure**
- a. Penalizing students who turn their video off
- b. Only providing the Zoom link via email

- c. Using a Zoom poll for the first time in class
- d. **Asking a student to monitor the chat**
- e. **Letting students know in advance which features are off-limits**

Objective 5.3: Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as enhancing accessibility.

Test Item: Which of the following are effective strategies to enhance accessibility? (Select all that apply)

- a. Displaying a graph and not describing it
- a. **Turning on machine captions**
- b. **Spotlighting the ASL interpreter**
- c. Sharing new materials in the middle of class
- d. **Sharing new materials prior to class**
- e. Deducting points from students who turn their videos off

Objective 6.3: Given a simple set of the Zoom CORE principles and a case study example, accurately classify strategies as facilitating learner engagement.

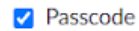
Test Item: Which of the following are effective strategies to facilitate learner engagement? (Select all that apply)

- a. Releasing students into breakout rooms without a timeframe
- a. Lecturing for the entire duration of class
- b. **Providing an agenda for the class session**
- c. **Allowing students to select one of two options for an activity**
- d. Using Zoom to monitor students while they take a test
- e. Always keeping your video off

Objective 1: Given a simple set of the Zoom CORE principles, a prescribed set of circumstances, and several options to choose from, determine how to configure the security settings for the meeting with at least 70% accuracy.

Test Item 1: You are having a guest speaker from outside Virginia Tech join in next class. The screenshot below is what your current settings look like for the recurring class meeting. Which would you update to ensure the guest speaker can join?

Security



Passcode

BIO101

Only users who have the invite link or passcode can join the meeting



Waiting Room

Only users admitted by the host can join the meeting



Require authentication to join

Need to be signed into Virginia Tech



.vt.edu,.verbit.ai [Edit](#)

- Passcode
- Waiting Room
- **Authentication**

[Feedback] Incorrect. Because the guest speaker does not belong to Virginia Tech, they will not be able to join unless the authentication requirement is dropped or updated to only require those signed into Zoom.

[Feedback] Correct! You could either not require authentication, or change the drop down menu to “Need to be signed into Zoom.us” or “Need to be signed into Zoom” depending on the location of the guest speaker and whether they have a Zoom account.

Objective 2: Given a simple set of the Zoom CORE principles, a prescribed set of circumstances, and several options to choose from, determine how to configure the recording settings for the meeting with at least 70% accuracy.

Test Item: You’ve finished recording a class session, and the recording is now viewable in the Course Media Gallery on Canvas. What should you do to ensure *all* students may equitably view the recording?

- **Review the machine-generated captions and edit as needed**
- Record to the cloud instead of to your computer
- Ask students for their consent to record

Objective 3: Given a simple set of the Zoom CORE principles, provide an example of a strategy to prepare the physical environment. The example may match strategies provided in the instructional content, or may be original so long as it aligns with the purpose of preparing the physical environment.

Test Item A: Give an example of a strategy to prepare the physical environment. What is something you currently do or could do to prepare the physical environment for teaching on Zoom?

- Acceptable answers:

- Find a quiet space to Zoom from
- Ensure the lighting is optimal
- Configure all necessary hardware
- Prepare a webcam and microphone
- Use a headset, especially if planning to move around
- Use an external monitor or secondary device
- Discourage students from signing in on a phone

Test Item B: Let's say you are a skateboarding instructor. You want to set up your laptop outside to demonstrate some tricks and explain the techniques involved as you perform them. What is one strategy you could adopt to effectively prepare the physical environment?

- Acceptable answers:
 - Wear a headset with a microphone
 - Bring a portable hotspot for wifi or set up your phone as a hotspot
 - Make sure your laptop is fully charged, or bring an extension cord & find a power outlet
 - Turn on video and audio
 - Ensure lighting is adequate
 - Set the webcam at an appropriate distance, height, and angle (so you will remain visible in frame when moving around)
 - Find a relatively quiet, non-crowded place to Zoom from

Objective 4: Given a simple set of the Zoom CORE principles, provide an example of a strategy to prepare the digital environment. The example may match strategies provided in the instructional content, or may be original so long as it aligns with the purpose of preparing the digital environment.

Test Item A: Give an example of a strategy to prepare the digital environment. What is something you currently do or could do to prepare the digital environment for teaching on Zoom?

- Acceptable answers:
 - Specify how certain Zoom features, like reactions, should be used
 - Practice using features like whiteboard, annotations, and polls in advance
 - Assign a TA to monitor the chat
 - Create a backup plan in case of failure
 - Import Zoom meetings into Canvas

Test Item B: Let's say you are a skateboarding instructor. You want to set up your laptop outside to demonstrate some tricks and explain the techniques involved as you perform them. What is one strategy you could adopt to effectively prepare the digital environment?

- Acceptable answers:

- Asking a student to read out questions in the chat
- Asking students unmute themselves to ask questions
- Creating a backup plan in case you lose internet connection
- Letting students know that you will check the chat and participant windows in between demonstrations

Objective 5: Given a simple set of the Zoom CORE principles, provide an example of a strategy to enhance accessibility. The example may match strategies provided in the instructional content, or may be original so long as it aligns with the purpose of enhancing accessibility.

Test Item A: Give an example of a strategy to enhance accessibility. What is something you currently do or could do to enhance accessibility on Zoom?

- Acceptable Answers:
 - Enable machine live captioning
 - Pin or spotlight ASL interpreters
 - Verbally describe visual materials shared over Zoom
 - Provide supplemental materials beforehand so students can download that in a format that works for them
 - Allowing students to access & download recordings
 - Review and edit recording captions
 - Give students the option to keep their video off
 - Wear a headset and remain close to the microphone
 - Assign a student to monitor the chat
 - Providing an agenda for the class session

Test Item B: Let's say you have a student who is hard of hearing in your synchronous Zoom class. What is one strategy you could adopt to enhance accessibility?

- Acceptable answers:
 - Turn on live machine captioning
 - Show students how to pin the ASL interpreter
 - Ensuring your audio is clear and high quality
 - Wearing a headset with a microphone, especially if you're moving away from your computer

Objective 6: Given a simple set of the Zoom CORE principles, provide an example of a strategy to facilitate learner engagement. The example may match strategies provided in the instructional content, or may be original so long as it aligns with the purpose of facilitating learner engagement.

Test Item A: Give an example of a strategy to facilitate learner engagement. What is something you currently do or could do to facilitate learner engagement on Zoom?

- Acceptable answers:

- Expressing care for students
- Conducting student check-in surveys
- Creating and sharing an agenda for the class session
- Specifying logistics for breakout rooms
- Varying class activities
- Giving students choice in their assignments

Test Item B: Let's say you have a student with generalized anxiety in your class. Having clear expectations in class and minimal amounts of uncertainty helps them to cope with their disorder. What's one strategy you could enact to facilitate their engagement?

- Acceptable answers:
 - Creating and sharing an agenda for the class session
 - Specifying logistics for breakout rooms
 - Sharing supplemental materials before class
 - Announcing the plan for class in advance
 - Giving students choice in their assignments