Creating Dynamic Learning with Zoom

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Community of Inquiry

Lights, Camera, Action
- Lights
- Camera Angle
- Sound
<table>
<thead>
<tr>
<th>Item</th>
<th>Check</th>
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<tbody>
<tr>
<td>Enter Web Conferencing Site 15 Mins. Early</td>
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<tr>
<td>• Check video and sound</td>
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<td>• Be mindful of background</td>
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<td>• Check camera angle</td>
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<td>• Have a slide/document with agenda for the day viewable by class as</td>
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<td>they enter</td>
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<td>• Consider recording the session</td>
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<td>• Introduce learners to technical aspects needed for class (raise</td>
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<td>hand; yes/no; chat box).</td>
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<tr>
<td>Welcome Each Participant as They Enter</td>
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<td>Mute Audio When Not Speaking</td>
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<td>Begin Session with Housekeeping Items</td>
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<td>Start Formal Session</td>
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<td>• Faculty Presentation Using Presentation Software</td>
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<td>• Videos</td>
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<td>• Guest Speakers</td>
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<td>• Student Presentations</td>
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<td>• Group Work</td>
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<td>• Polling/Quizzing</td>
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<td>• Learning Activities (Discussions; Case Studies; Concept Maps;</td>
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<td>Virtual Bulletin Boards etc.)</td>
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<tr>
<td>Use Ice Breaker Strategy for First Class</td>
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<td>Periodically Check Chat Box</td>
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<td>Check Screen-sharing</td>
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<td>Close of Session Wrap-up</td>
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<td>Consider End of Session Assessment of Learning</td>
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<tr>
<td>Save Chat Box Text for Later Review of Questions or Comments.</td>
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### Table 1

**Sample Lesson Plan - Heart Failure**

**Learning Outcomes:** Following this session, the student will be able to:

1. Describe the anatomy and physiology of the heart
2. Explain the pathophysiology of heart failure.
3. Differentiate between right and left-sided heart failure.
4. Discuss potential pharmacological, non-pharmacological, devices, and surgical treatment for Heart Failure.
5. Plan nursing management for the patient with heart failure.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Learning Activity</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td><strong>Anatomy &amp; Physiology</strong></td>
<td><strong>1. Structures of the heart</strong>&lt;br&gt;<strong>2. Blood Flow through the heart</strong>&lt;br&gt;Group Work - Zoom Breakout Rooms&lt;br&gt;Use a diagram of the heart and use annotation with heart to label all structures in directions. Outline the blood flow through the heart.&lt;br&gt;<em>Heart on Google Docs</em>*</td>
<td>15 Mins.</td>
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<tr>
<td><strong>Etiology of Heart Failure</strong></td>
<td><strong>Brief lecture using PPT</strong></td>
<td>5 Mins.</td>
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<tr>
<td><strong>Pathophysiology of Heart Failure</strong></td>
<td><strong>Brief lecture using PPT</strong>&lt;br&gt;YouTube Video 3D Medical Animation - Congestive Heart Failure&lt;br&gt;<a href="https://www.youtube.com/watch?v=GmpFm9fzYxU">https://www.youtube.com/watch?v=GmpFm9fzYxU</a>&lt;br&gt;American Heart Association Video Normal Heart and Heart Failure&lt;br&gt;<a href="https://watchlearnlive.heart.org/index.php?module=5eject=hrtfr">https://watchlearnlive.heart.org/index.php?module=5eject=hrtfr</a></td>
<td>15 Mins. 1 Min.</td>
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<tr>
<td><strong>Assessment Time</strong></td>
<td><strong>Zoom Poll - 5 questions on content as assessment</strong></td>
<td>5 Mins.</td>
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<td><strong>Class Break</strong></td>
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<td>10 Mins.</td>
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<tr>
<td><strong>Clinical Manifestations of Heart Failure</strong></td>
<td><strong>PPT with images showing clinical manifestations</strong></td>
<td>10 Mins.</td>
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<tr>
<td><strong>Diagnostc Studies</strong></td>
<td><strong>PPT with images showing diagnostic studies.</strong></td>
<td>10 Mins.</td>
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<tr>
<td><strong>Treatment for Heart Failure</strong></td>
<td><strong>Concept Mapping - Small Group Work (Zoom Breakout Rooms)</strong>&lt;br&gt;Group 1: Pharmacology&lt;br&gt;Group 2: Non-pharmacologic&lt;br&gt;Group 3: Devices&lt;br&gt;Group 4: Surgery&lt;br&gt;Group 5: Nursing Management**</td>
<td>20 Mins.</td>
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Class Management

- Housekeeping Duties
- Connectivity
- Rules for Communication
- Chat Box Activity
- Operation of Communication Tools
- Class Agenda
Tools to Communicate

- Raise Hand
- yes
- no
- go slower
- go faster
- more
Welcoming Learners
Collaboration Tools

Annotation
Drawing
White Board
Spotlight
...And More
Zoom Markup Tools: Annotate & Whiteboard

Linear Equations Worksheet

Solve the equations.

1a. \( 2 = v - 11 \)

1b. \( 11 = x - 4 \)

2a. \( 11 = s + 4 \)

2b. \( n + 6 = 8 \)

https://youtu.be/5YM-_x3SCLw
Sharing Computer Sound in Chrome

Use Chrome Only
Annotation Tools

- Draw
- Stamp
- Arrow
White Board
Polling

You can launch the Poll during the meeting, by clicking on Polling button located in the toolbar.
Polling

Maximum of 25 Polls per Zoom Session
Polling 1: Polling Questions

1. What is your favorite color?
   - Red
   - Green
   - Blue
Breakout Room Activities

Think-Pair-Share
Case Studies
Jigsaw
Concept/Mind Mapping
Project-based Learning
Peer Review of Work
Sharing Documents & Links in the Chat Box
Energize Your Class
Brief
Videos

- YouTube
- Vimeo
- Khan Academy
- Publisher
- Content
Guest Speakers

- Experts in a Field
- Book Authors
- Different Perspective
Today I’d like to discuss...
Concept Maps
Anyone???

https://app.popplet.com/#/p/4162036
Put it on Padlet

https://padlet.com/jmf64/15xk7rkqg475
Assessment Methods

Polling
Chat Box
Yes and No
Reactions
White Board
More Uses for Zoom

- Office Hours
- Proctoring Exams
- Student Advisement
Zoom Fatigue

• Feeling of tiredness that occurs after repeated or even one web conference meeting (Sklar, 2020).

• Brain focuses 15% on verbal communication and 85% on nonverbal language. We may miss many of those nonverbal cues during a web conference.

• Impairs our ingrained ability for giving context and depth to the verbal communication being shared.

• Multi-person screens magnify this problem as they show people in gallery view challenging our brain to attempt to decode many people at once.

• Communicating in a closer manner than usual, through the filter of a lens amplifies the problem.

• Added stress of sharing one’s personal space, one’s home, with others.
Combatting Zoom Fatigue

Breaks while encouraging stretching, getting a drink and a bite to eat.

Students to turn off cameras when class begins.

Change up your scenery by moving to another area in your home.

Avoid multitasking

Avoid looking at your image while teaching

Suggest students select Speaker View instead of Gallery View
That's all Folks!