

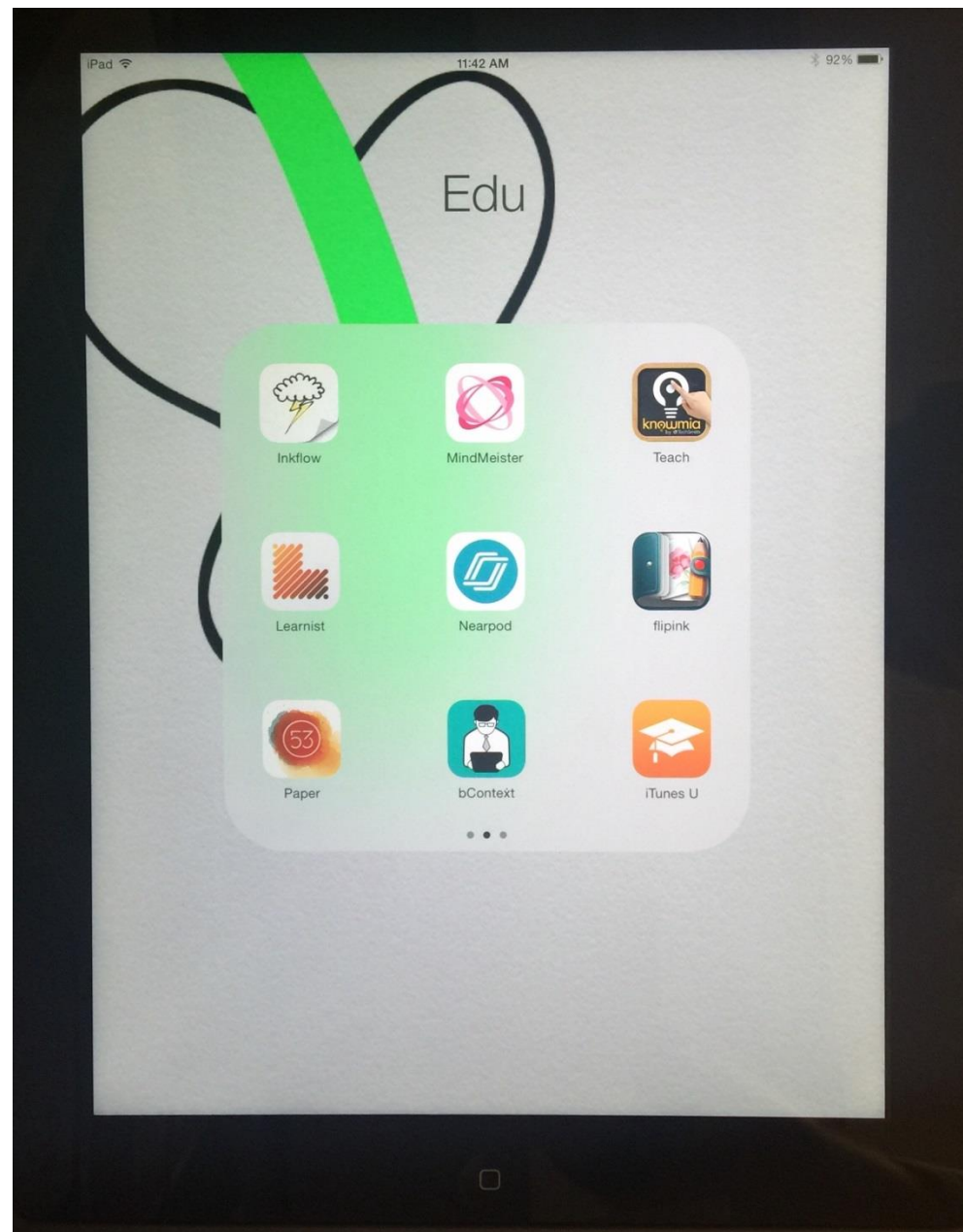


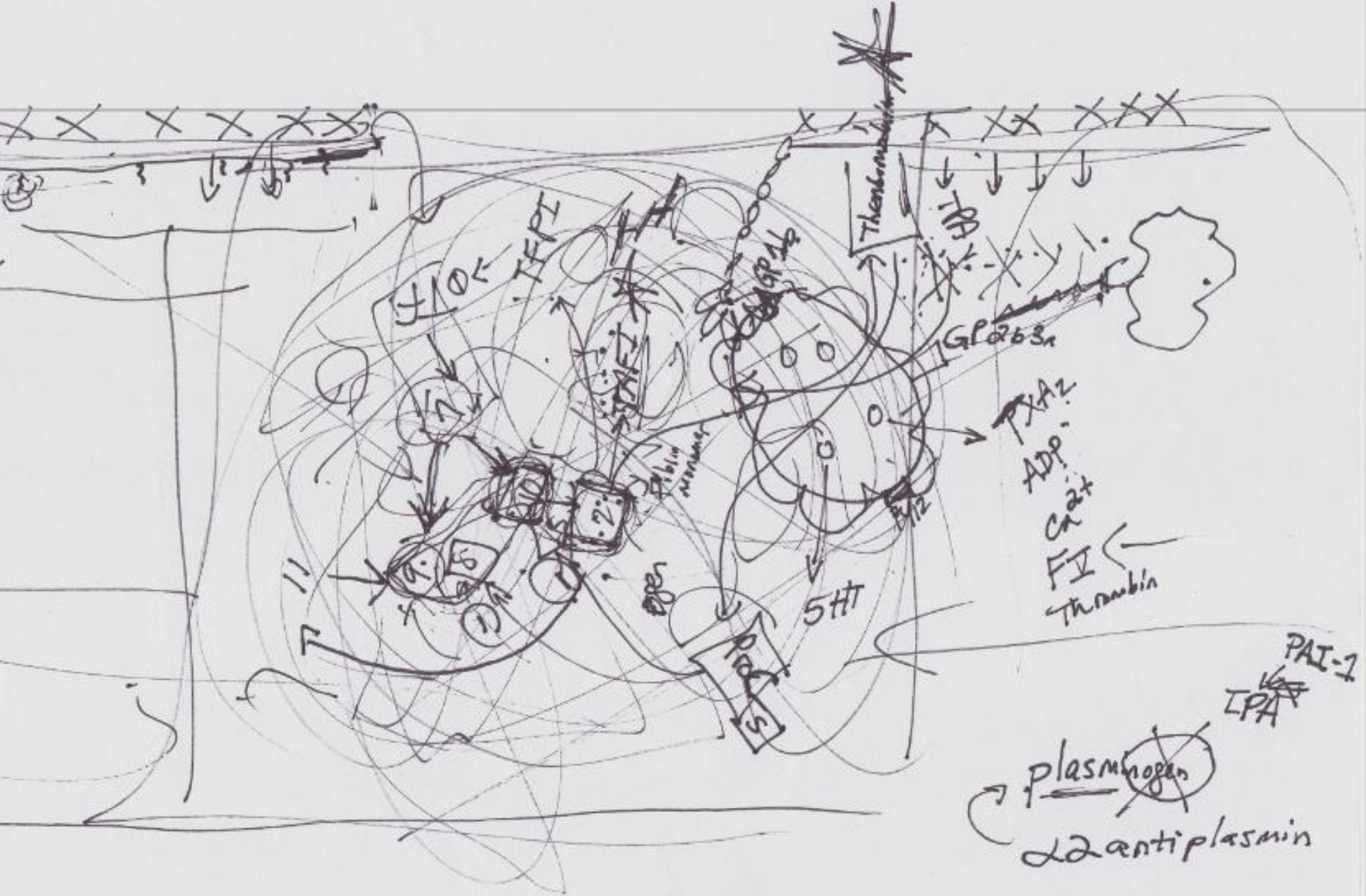
Integrating Technology into the Flipped Classroom: Purposeful Planning

Justin Kreuter, MD


Presentation for

University of Toledo College of Medicine
September 30th, 2016





Sent: Wed 8/17/2016 3:09 PM

To:  Kreuter, Justin D., M.D.

Dr. Kreuter,

I'm the QI chief for the critical care fellows this year. We are currently selecting QI projects this week. Your mention of looking at the Massive Transfusion Protocol caught my attention. I have a few questions:

- (1) Do you know how many times a year MBT protocol is activated?
- (2) Do you know how many of those patients are MICU patients?
- (3) Do you think if we made this a QI project, that analysis could be done in 3 months with intervention January-Feb? ~~Goal for completion of data collection by April.~~
- (4) Would you be willing to be a PI again this year?

Thank you for any help,

Sent: Wed 9/28/2016 2:12 PM

To: [REDACTED]
Kreuter, Justin D., M.D.

All:

The project has been submitted for GOLD QI qualification.

This is the link to access the QI application: <http://javaproduct.mayo.edu/Lip/Qip.action>. You will need logon to fill out an attestation and reflection sections in order to receive credit for participation. Unfortunately, due to case numbers, we are not able to receive MOC credit for this project.

Time is a factor here – completion within 1 week is recommended in order to facilitate everyone receiving credit.

Thank you all again for your guidance and support with this effort. Please let me know if there are questions.

Regards,

Mindset



Goals

1. **Judge** strategies to **select & chunk** material for student consumption.

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2. **Compare** how different **technologies** may support educational goals.

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3. **Critique** various **pre-work techniques** for student preparation.

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2. Compare how different technologies may support educational goals.
3. Critique various pre-work techniques for student preparation.
4. **Critique** various **face-to-face techniques** for facilitating dialogue.

Our Plan:



Flipping The Classroom

or

How I went from 14 hours of lecture to 5 and still get paid.

Douglas Danforth, Ph.D.
Academic Program Director
LeadServeInspire

 THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE



Our backchannel:



https://todaysmeet.com/UTCOM_retreat

Flipping the Classroom

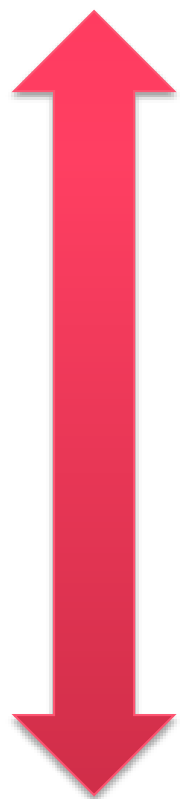
Douglas Danforth, Ph.D.



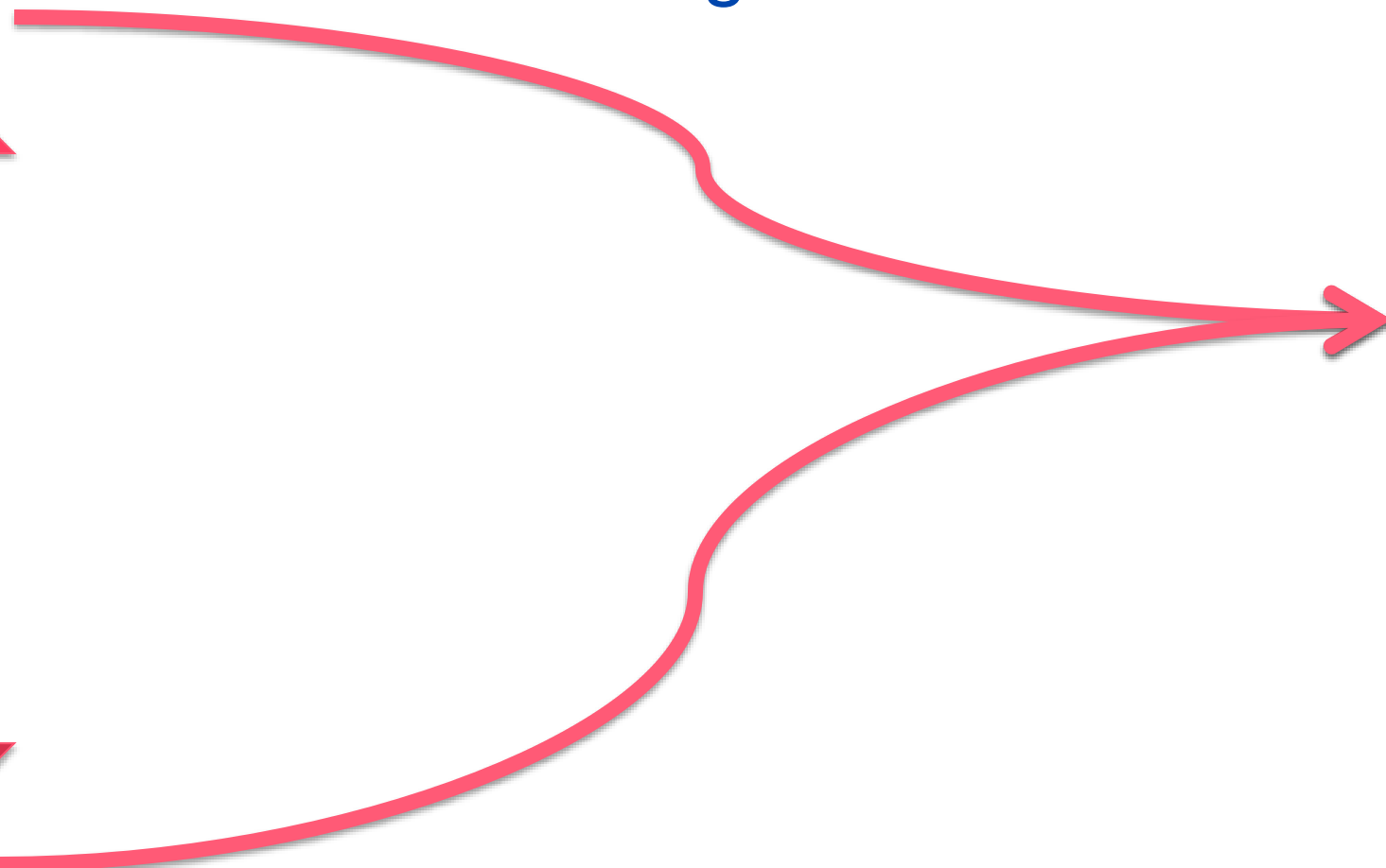


Judge strategies to **select & chunk** material for student consumption.

Foundational knowledge



Experience



Context

Before



During



Selection & Chunking of Material

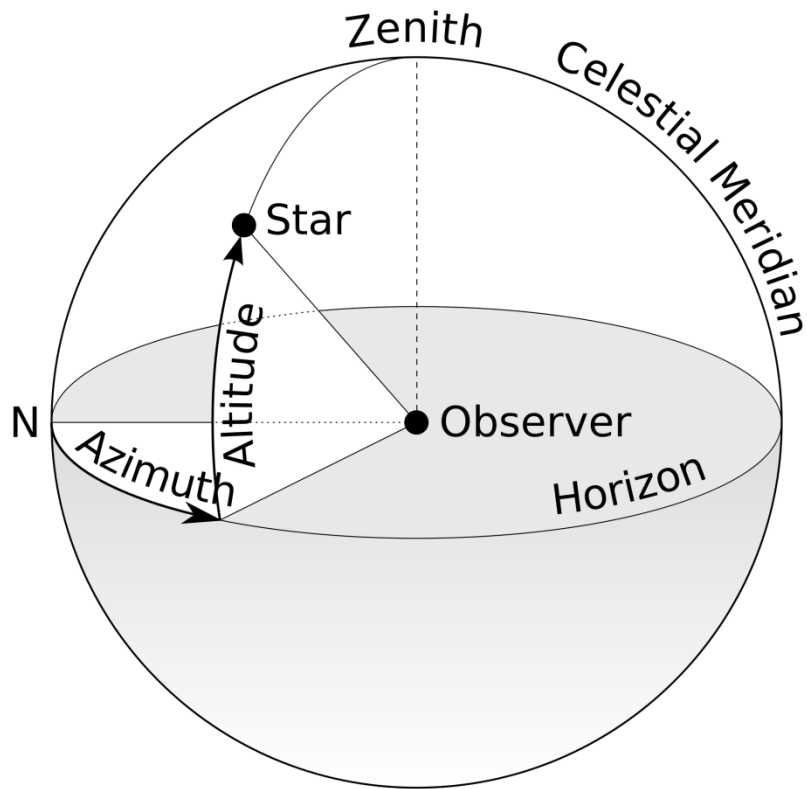
1. What does ideal selection & chunking of material look like?
2. How are the faculty and student perspective different?
3. How can we improve the baseline of this skill?



Compare how different **technologies** may support educational goals.

Helpful aspects

Appropriate assessments



Meaningful reflection



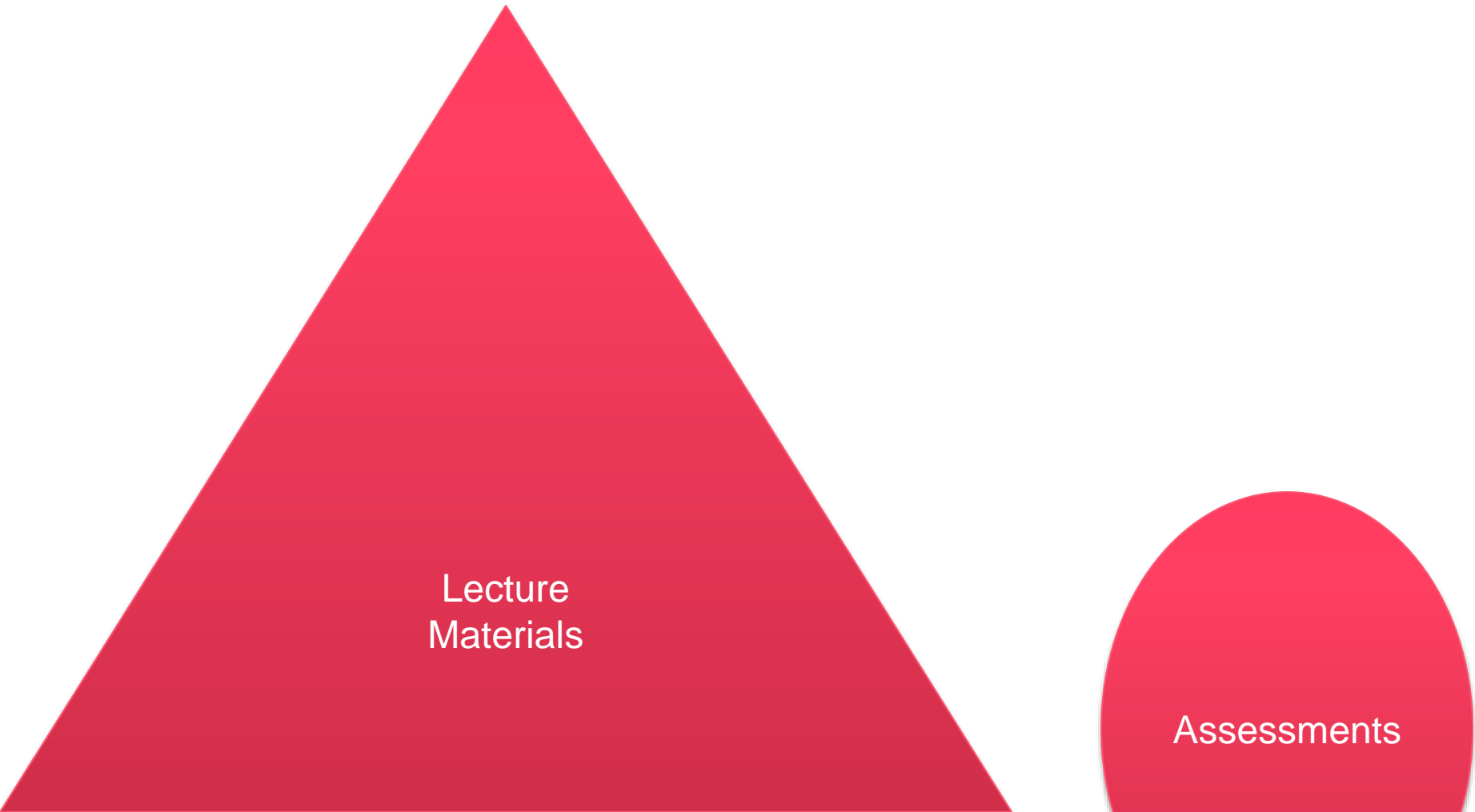
Technology support of education

1. What aspect of technology matters most to you?
2. How will you know when you are using a technology well?
3. What is getting in your way of trying new technologies?



Critique various pre-work techniques for student preparation.

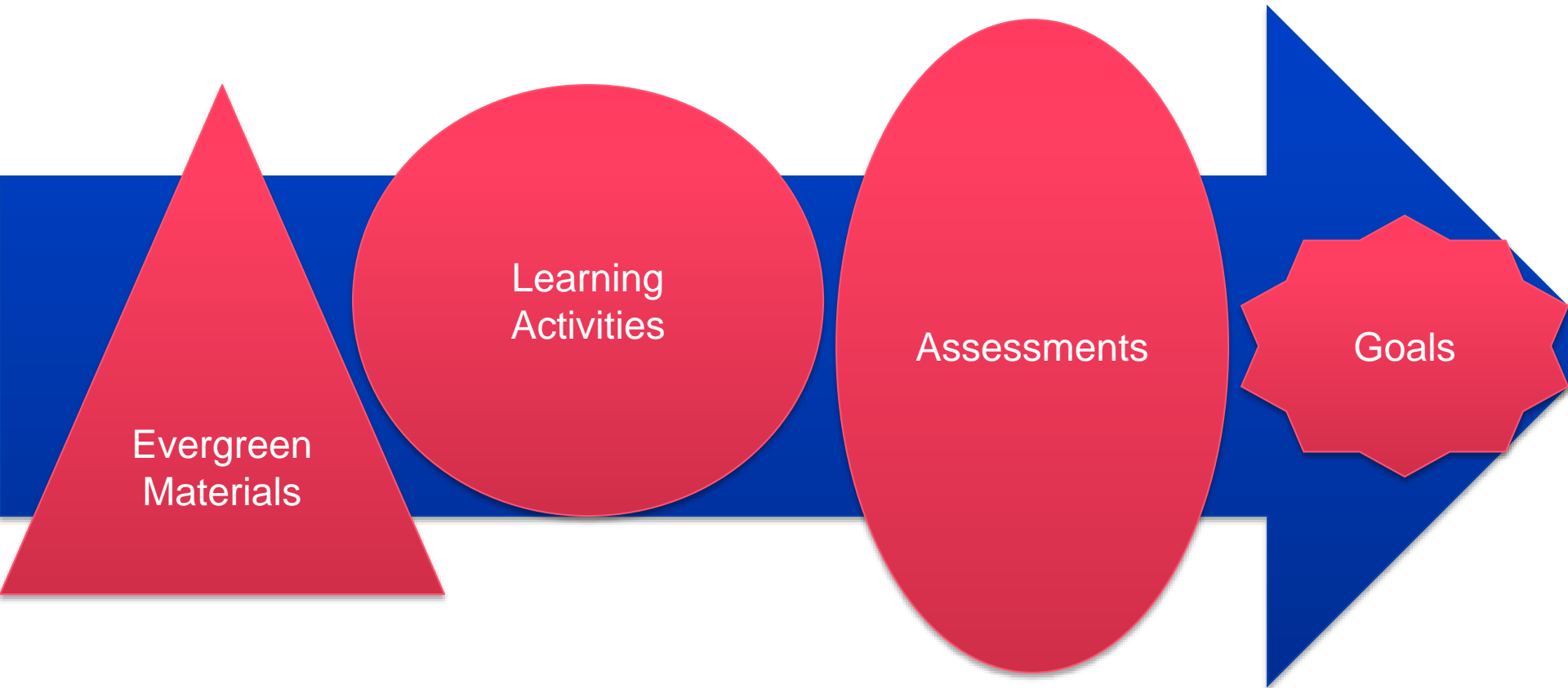
Common design



Lecture
Materials

Assessments

Backward design



Pre-Work Techniques

1. If we knew the ideal pre-work assignment, what would it be?
2. If our success was completely guaranteed, what bold steps might we choose?
3. How can we create accountability?



Critique various **face-to-face techniques** for facilitating dialogue.

Shifting paradigms







Active & experiential learning



Ask Probing
Questions

Observe
&
Debrief

Face-to-Face Techniques

1. What matters most to you?
2. What assumptions do we need to test?
3. How would peer faculty see your classroom?

Goals

1. Judge strategies to **select & chunk** material for student consumption.
2. Compare how different **technologies** may support educational goals.
3. Critique various **pre-work techniques** for student preparation.
4. Critique various **face-to-face techniques** for facilitating dialogue.





Kreuter.Justin@Mayo.Edu



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