Workshop #1: Exploring Innovative Teaching in Humanities & Social Sciences

Course: Ancient Greek Language

learning outcome: ability to sight-read ancient greek poetry and prose; strategy: none of the mentioned seem helpful alone, probably a combination of them would be better

Course: Language

Learning Outcome: Students will be familiar with the language and improve their ability of speaking. Strategy: flipped classroom and student Portpolio.

Student Portfolio: Prepare a conference material and collect material for their individual research. Other students would have to give feedback to each other.

Course: Human Capital Theory

Learning Outcome: Students should familiarize themselves with the analytic tools commonly used to evaluate the impact of human capital accumulation in the micro/macro sense.

Strategy: Tea... Based Learning (Team-wise analysis of the "Classic" papers in each sub-field)

Course: environment & health

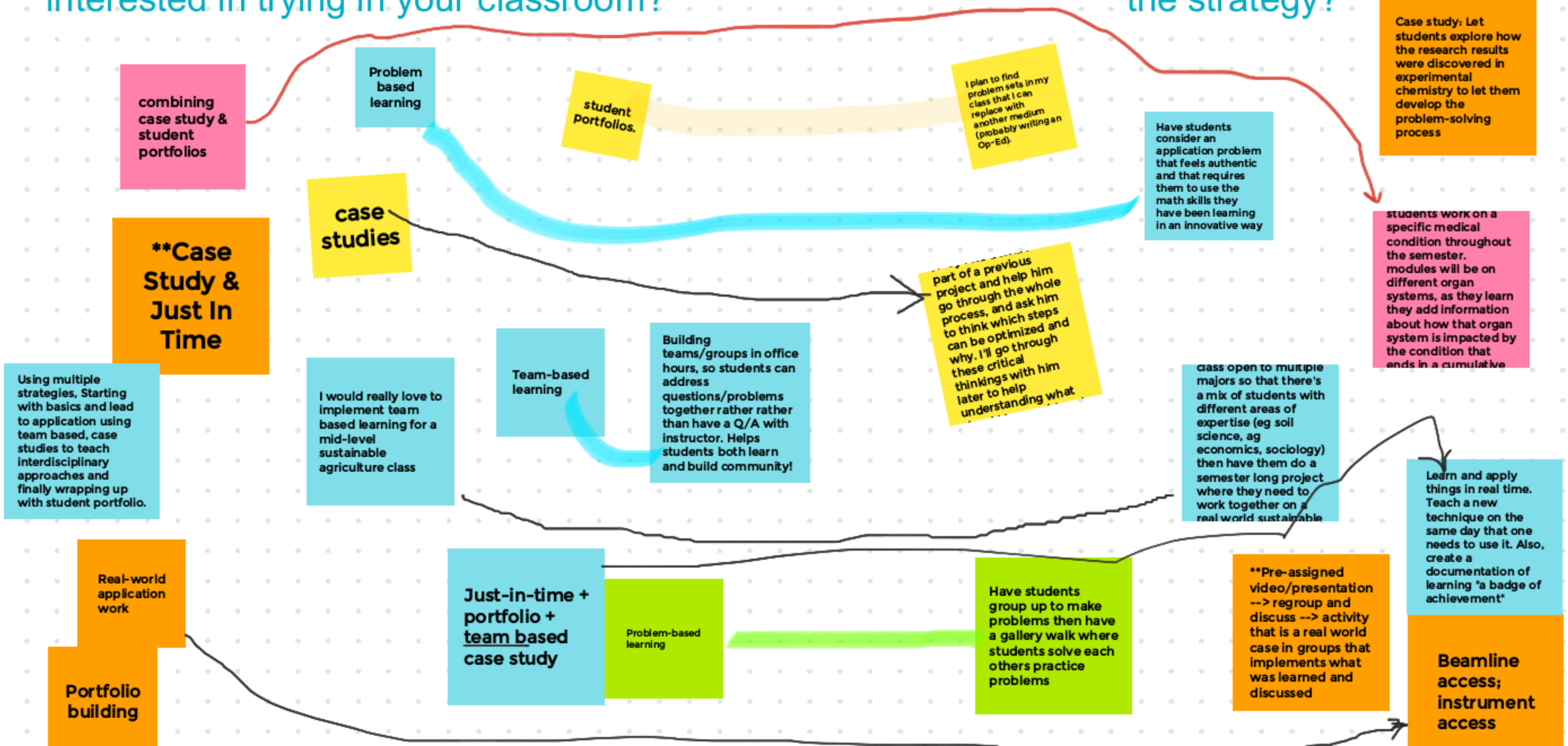
Learning outcome: students will understand the impact of the macro-environment on human physical and psychological health

Strategy: flipped classroom

Workshop #2: Exploring Innovative Teaching in STEM

1. What innovative strategies are you interested in trying in your classroom?

2. How are you thinking of implementing the strategy?



Workshop #3: Innovative Strategies for Evaluating Student Learning

In small breakout rooms, think about how to integrate an “innovative” assessment strategy into your classroom. This could be a strategy from the resource list that is new to your field or modify one that you already employ

Using "muddiest point" to check which topics in my anatomy lecture were most confusing, provide resources before next class (including videos or diagrams)

I may try to ask students to write a short review on some related topic. From their responses, I can infer their background knowledge on this topic and determine how to help them get into it and where to stop teaching.

friend": Hold a review session before an exam, create a list of key concepts to be covered in the exam, assign concepts to pairs of students randomly and ask them to explain the concept they were assigned to each

Have my students generate questions for quizzes or paper topics for one another.

I've been recently thinking of having my students comment on and grade each other's papers, perhaps anonymously, using "Feedback Fruits" software. Then writing me a justification of the grade.

I like the idea of doing "muddiest point" so that I can get a handle on what students are confused about and they have an opportunity to communicate with me about their learning.

For reviewing for exams: try to get students to summarize concepts themselves in "explain it to a friend" style instead of me summarizing them

paraphrasing: Have my students choose a group leader who will present a summary of whatever what discussed in their small group discussion. This way all the groups hear from one another and I can check

Maybe have students decide on a rubric for grading these papers together.

Workshop #4: Integrating Innovative Technologies in the Classroom

Choose 1-2 technologies we have discussed that you want to use in your classroom. Reflect on how you would apply them in your course.

3D printing - chemical models, a lot commercially available models are not great

In applied economics - Piazza students appreciate being able to ask questions and use one platform, more comfortable asking questions online

3D printing - animal science cource, can print anatomical structures of animals

private subreddit - can allow students in past and present to interact with each other and access materials

Slack channels - encourage students to post by giving extra credit for participation

Workshop #5: Interdisciplinary Teaching

1. What are 1-2 challenges and benefits that you anticipate.
2. What is an activity that you could use to integrate the subjects into your course?

interconnection sustainability and research

connection between sustainability and research (chemistry)

Benefits: Students can learn more about the skills in the two other fields

Activity: Case study to see how the different fields can tackle the same problem

interconnection between sustainability and reserach

Animal science and polymer chemistry - seeing how materials (polymers) are used in animal science. How does this impact animal health and the environment?