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How Students Can Help Other Students Learn

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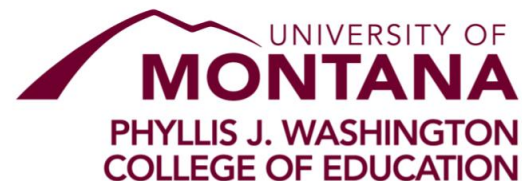


Students helping Students

Erica Braig

Chemistry Department

Intro to Organic and Biochemistry (CHMY 123)



About CHEM 123

- Lecture based class
- Recitation attendance required
- In recitation student's complete worksheets then took a quiz at the end
- 50-60 students in the entire class
- Two LA's and one TA
- Fast paced
- Diverse student body
- Prerequisite for many upper division classes

Our Many Roles

- Weekly pre-recitation meeting
- Office Hours
- Attending LA Seminar
- Answering questions in recitation
- Provide students with tips to studying
- Give helpful hints on remember material
- Asking students closed ended questions

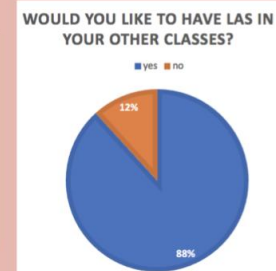
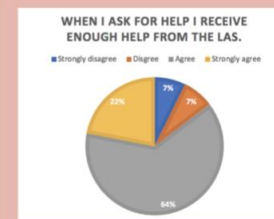
Our Goals for Students

- Understanding chemistry terminology
- Learning how to ask for help
- Knowing all the different resources available for this class (Study Jam, office hours, and online websites/videos)
- Encouraging students to be confident in themselves
- Believing that chemistry is not scary!



<https://dissolve.com/stock-photo/Chemistry>

Midterm Evaluation Results

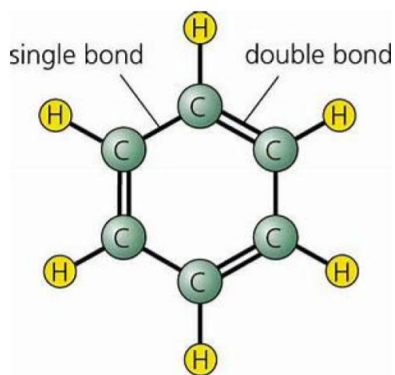


What this Told Us

- Time was used effectively with each student
- LA's should be in more classes
- Our work is beneficial and effective for students

Going Forward

- Small section components are crucial for large lectures
- Students thrive when able to work in groups
- Class formats should be assessed and adjusted regularly
- Check in on students - at the end of the day, it is just a class



Academy Artworks

https://teaching.ncl.ac.uk/bms/wiki/index.php/Aromatic_ring

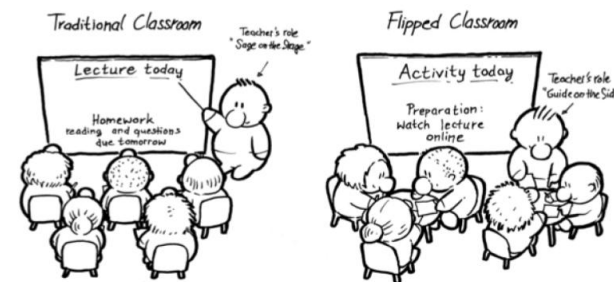
What We Learned

- Students enjoy learning from LA's/their peers
- Group work is very beneficial
- Often students just want someone to listen to them
- Learning chemistry from a non-chem major is very helpful
- Challenging students fosters personal growth
- Struggling can be powerful

Acknowledgments:

Faculty Mentor: Josh Herring

TA: Precious Ann Nepomuceno



<https://www.lambdasolutions.net/blog/difference-between-blended-learning-flipped-classrooms>