

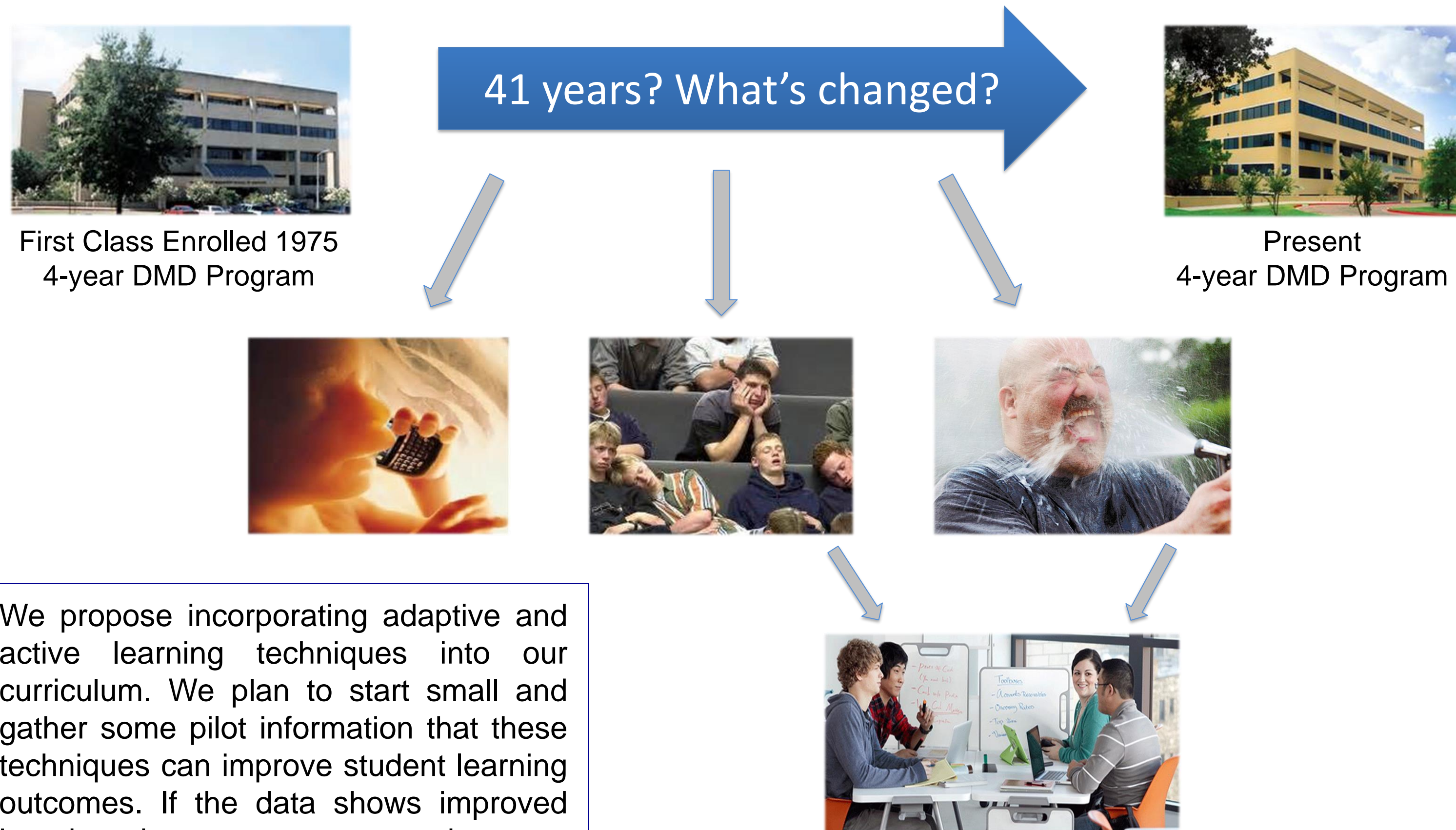
# A DENTAL CURRICULUM REVOLUTION: MOVING FROM LECTURE-CENTERED TO STUDENT-CENTERED APPROACHES USING ACTIVE AND ADAPTIVE LEARNING



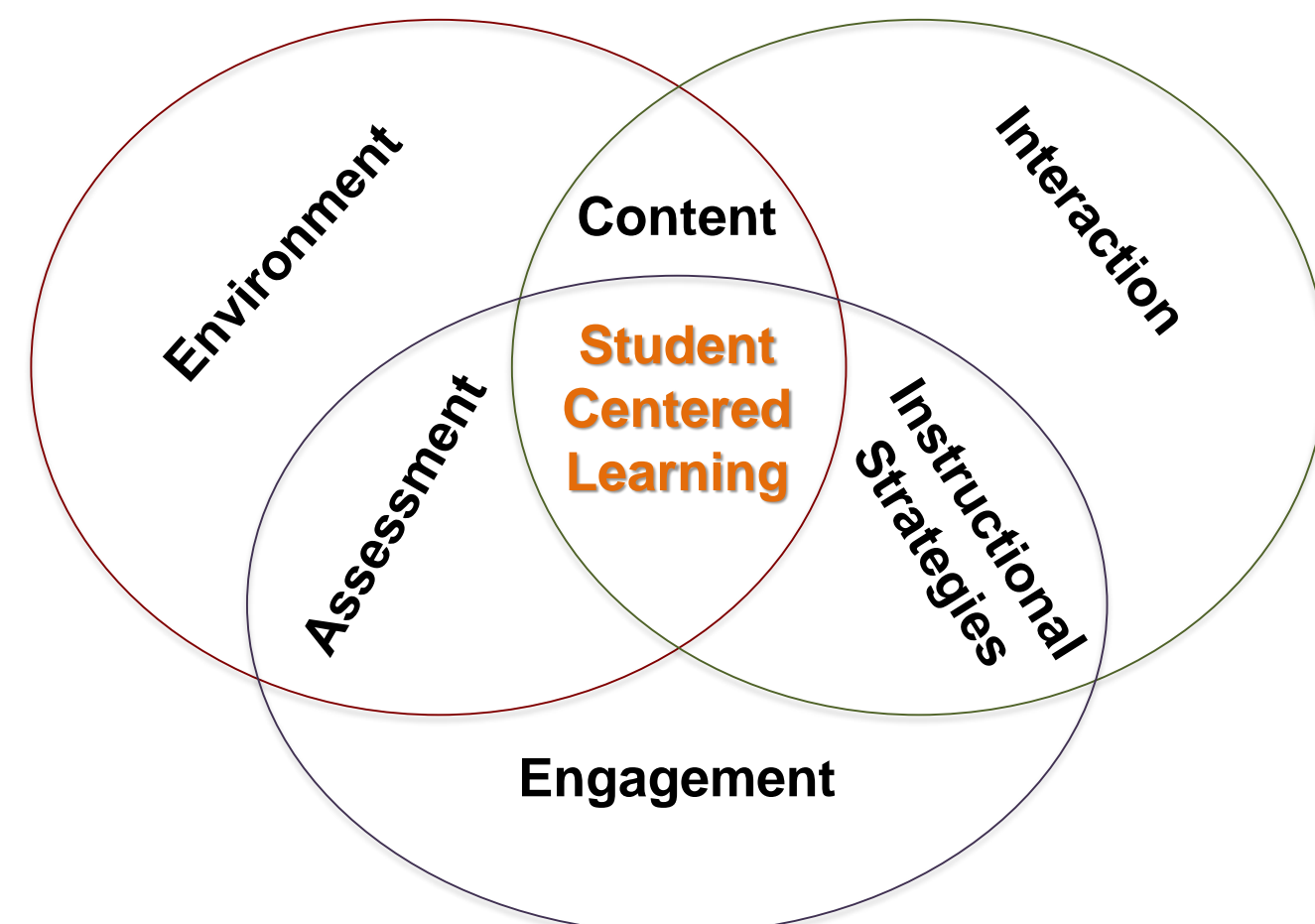
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## INTRODUCTION AND SIGNIFICANCE



We propose incorporating adaptive and active learning techniques into our curriculum. We plan to start small and gather some pilot information that these techniques can improve student learning outcomes. If the data shows improved learning, then we propose to take steps to make the software and techniques available to our whole institution. While additional time is not available to teach, the delivery could be changed help with retention of the information and increase student engagement. We need to increase student engagement and knowledge retention in order for them to be successful on the new INBDE format. Additionally with the ever-increasing complexity of dental technologies and changing dynamic of this generation of learner we must modify our current delivery method.



Modified from Jrlanes.wordpress.com

## COLLABORATION



Initial Pilot Project

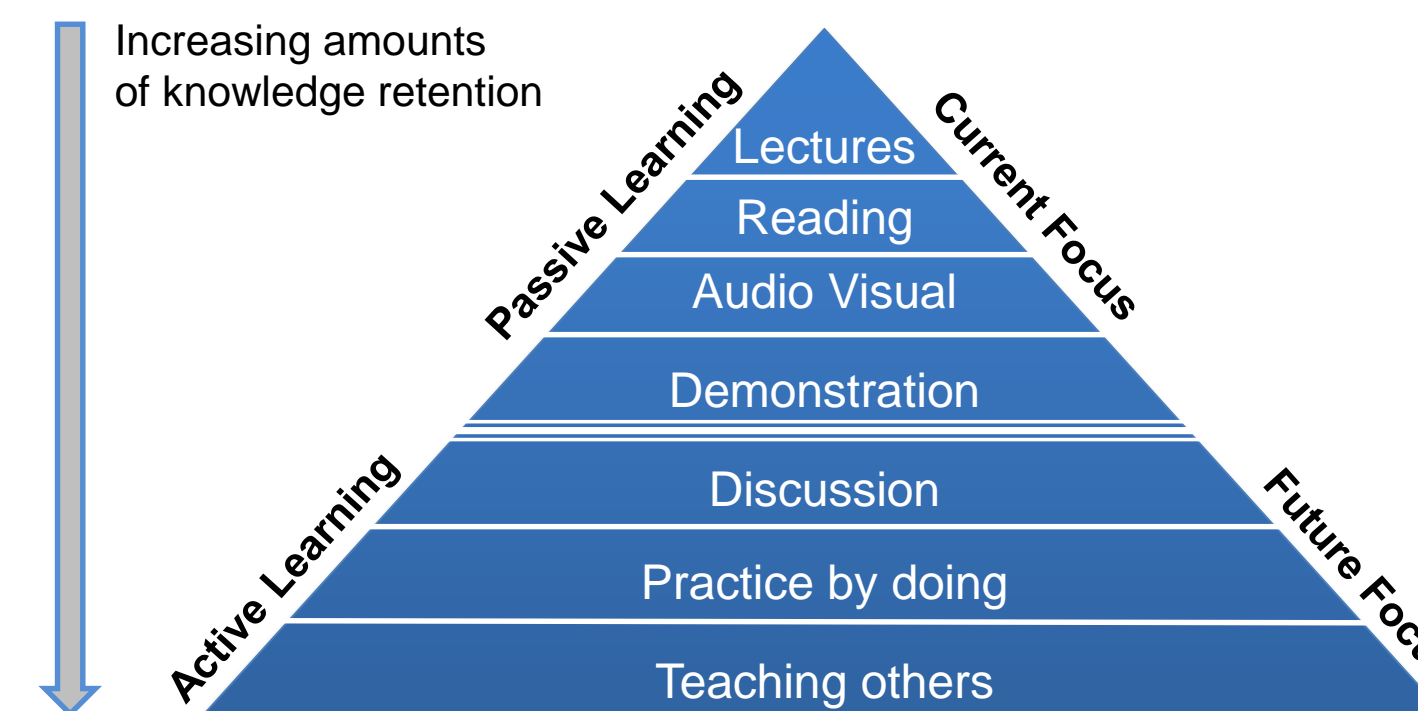
Improved student learning outcomes

Instructional Designer

## IMPLEMENTATION AND OUTCOME MEASURES

Goals:

- Creating higher levels of student understanding and knowledge retention for each of the courses.
- Improve the students ability to successfully pass the Integrated National Board Dental Exam.
- Generate pilot data to get administration onboard with a school-wide change.



Modified from Myoracle.com

## RESOURCES

