Voicethread Promotes Student Centered Learning by Improving Student Discussion

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To determine if VoiceThread can be used to effectively facilitate the discussion of new course content. VoiceThread promotes student centered learning by improving student discussion

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Objectives

- To determine if VoiceThread can be used to effectively facilitate the discussion of new course content.

Methods

- 142 first-year dental school students presented in groups.
- All students posted comments/questions on different slides of the presentations.
- 126 (88.73%) of the students reviewed their experience through online survey afterwards.

Results

- Our study shows that VoiceThread can:
  - Facilitate higher level learning in Bloom’s taxonomy.
  - Apply and analyze rather than remember or understand only.
  - Enhance discussion experience for students.
  - Ability to prepare their questions and answers with no time crunch.
  - Learn to articulate and summarize complex information.
  - Some students reported feeling more comfortable communicating online.

Future Direction

- To compare learning outcomes between in-class and VoiceThread teaching.
- To compare the effectiveness in promoting student discussions through different online presentation tools.

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