



香港城市大學  
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## Outcome based Knowledge visualizaion in teaching life science for "non-STEM" students

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**Abstract:**

Presenting knowledge through multimedia technology such as dynamic images and videos offers a way for effective learning. However the learning outcome varies due to the diversity of students. In this proposal we address the development of outcome based knowledge visualization to improve learning of non-STEM students in three levels. By using our strategy, we expect to deliver fundamental message to broad students and inspire active learning for students with spare time and more interest.