

# Video: an innovation to improve learning and understanding

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## Overview

Video is a highly effective educational tool. Teachers can use video to convey appropriate parts of an explanation so video has become an important part of higher education. It is integrated as part of traditional courses. In addition, video can stimulate learning environment in classroom. There are several resources of video such as youtube, academic website, and academic video from textbook.

## Aims and objectives

- To improve student learning
- To enhance student understanding

## Activity

- Teacher begin the class with lecture.
- Teacher provide exercise sheets for students /record the scores.
- The students watch the Video related to the lecture topics (5 minutes long).
- Use the previous sheet as a tool for helping them process the information and monitoring their own understanding.
- The students work on scientific writing and submit to the teacher, using social media.
- Teacher give feedback.
- The students improve their works and resubmit.
- The works will be graded by rubrics.



## Outcome

- Video impacted on teaching and learning of students.
- Teachers could integrate video into the flipped classroom so students could learn every time by themselves.
- Video also stimulated critical thinking of students because they digested lecture by themselves.
- I also got unexpected outcomes.

For examples, some student got English language problems, and some students did not pay attention on video.

## Impact

- Video increased student motivation.
- Video engaged student to the class.
- Video enhanced learning experience.
- Using interactive learning method related to technology kept students more active.
- I got the positive feedbacks from students.
  - Teacher provide different learning tool.
  - Video increase their interest.
  - Student could understand clearly.

## Future development of project

I plan to integrate videos in every topic.

## References

- Brame, C.J. (2015). Effective educational videos. Retrieved [today's date] from <http://cft.vanderbilt.edu/guides-subpages/effective-educational-videos/>.
- Allam, C. (2006) in Bijnens, M., Vanbuel, M., Versteegen, S., Young C., Handbook on Digital Video and Audio in Education, Creating and using audio and video material for educational purposes, The Videoaktiv Project.