

# MProf Exploring the development of reflective practice with trainee teachers, using video annotation software

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## Introduction

I intend to use a freely available video annotation tool to record microteaching sessions with trainee teachers at three key points during their PGCE course, in September, January and May or June.

I will explore the annotations of trainees when they reflect upon their practice through self-assessment and peer-assessment.

I hope to see how the trainees ability to improve their reflective practice develops as they become more skilled during their training year.

I am also interested in exploring how the tool itself, the video annotation, supports this reflection.

## Materials and methods

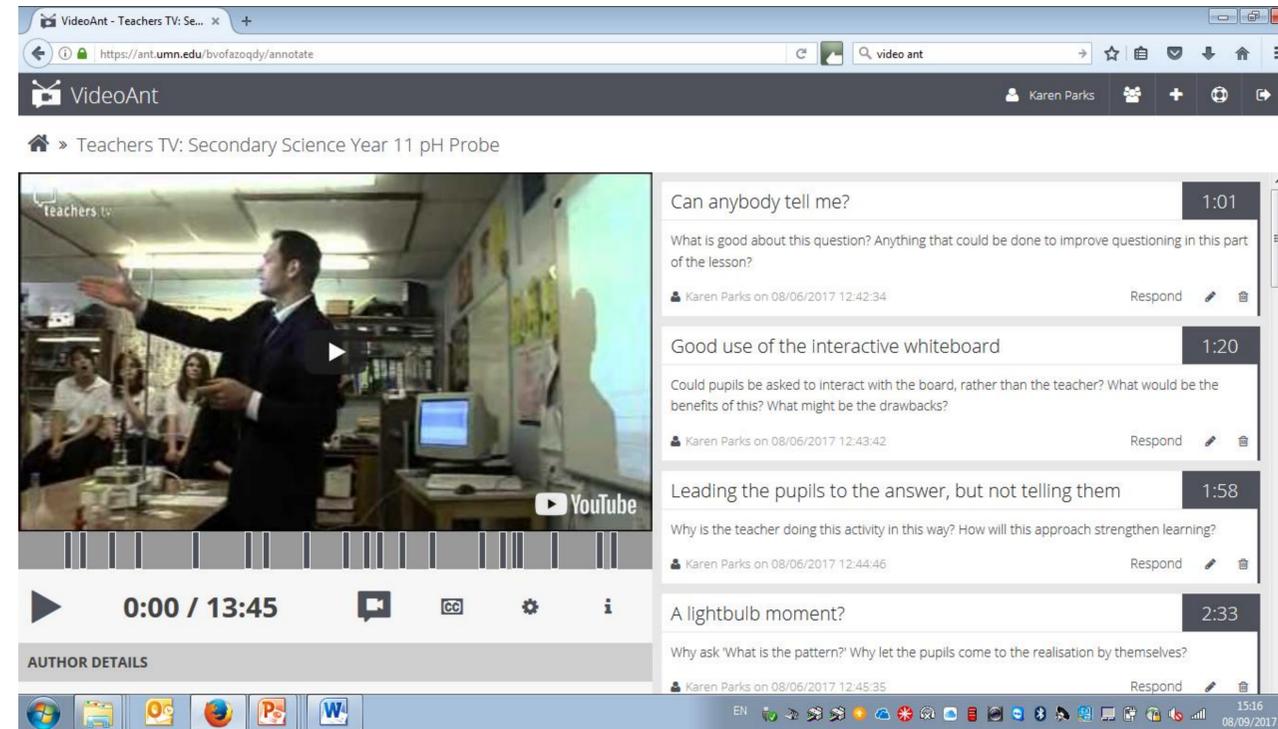
Video annotation tool – VideoAnt will be used to record microteaching sessions and enable trainees to annotate the video clips. These annotations will be analysed and interpreted.

A ‘learning to notice’ framework will be used to categorise the types of reflective commentary.

## Overview

I am at the planning stages of my research project.

I intend to explore the development of trainee teachers reflective practice as they train to teach, using the video annotation software as a tool and then make recommendations to the team about the benefits and impact on practice. The reading that I am doing is helping to develop my expertise in the field of educational research and this will enhance my own teaching. My hope is that I can make recommendations based on the collection of data, to explore the trainees reflective practice through their annotations and responses in greater depth. I would hope that through using video technology, the trainees become increasingly skilled in reflecting upon their practice and that this will help to develop them as strong reflective practitioners. It will also give them a grounding in using video technology as a professional learning tool at a time when this technology and approach is increasingly being used by schools. Any positive outcomes could potentially lead to wider use across the secondary team in the future.



The screenshot shows the VideoAnt web interface. On the left is a video player showing a teacher in a classroom. On the right is a list of annotations with their timestamps and text. The annotations are:

- 1:01: "Can anybody tell me?"
- 1:20: "Good use of the interactive whiteboard"
- 1:58: "Leading the pupils to the answer, but not telling them"
- 2:33: "A lightbulb moment?"

## Next steps

Having submitted my proposal in early 2018, I plan to write my application for ethical approval in the Spring and collect my data during the 2018/19 academic year.

## Further information

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