

# Lights! Action! Camera! - Capturing Biology Images

## Background

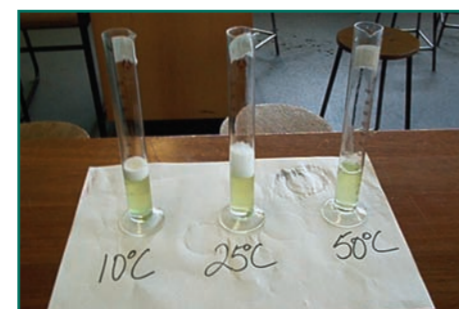
- Could students use the digital tools they use everyday to help them engage more with biology investigations?
- Could this be a help to them in recording data and recalling procedures?

## Procedure

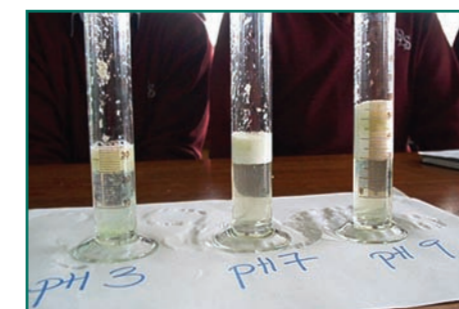
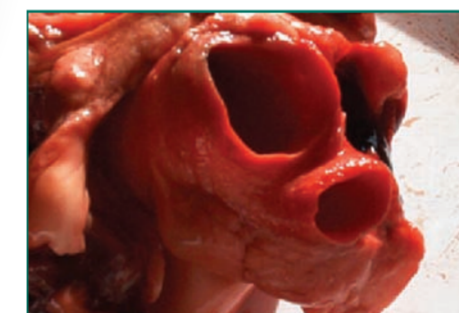
- Consulted all the relevant bodies
- Considered safety issues involved
- Chose the group for the research
- Set up the practicals and had the students take the photographs



Test for glucose



## Have a Healthy Heart!



## Rate of enzyme action

## Student Opinion

- 'Printed photos at home, wrote around it what I was doing at that time, stuck in in my folder'*
- 'Without a doubt the best way of revising and remembering different experiments'*
- 'While I was doing the experiments I occasionally took pictures of the key operations'*

## Results

- When the chosen group started to take the photos other students asked if they could take photos with their own cameras.
- Next time we had practicals more students brought in their cameras, discussed what they should photograph, did the investigation and took photos of process agreed.
- Some printed them out and put them in their practical copies.

## Conclusion

- Students became more involved and interested in the laboratory work
- Taking the photographs made it easier for students to remember the procedures
- Students learned which part of the activity was crucial