

Hello...

These comics are by Owen, Matthew, Dylan, Rosie, Holly, Charlie, Alex, Josh and Stephen at George Stephenson High School in Killingworth, Newcastle upon Tyne.

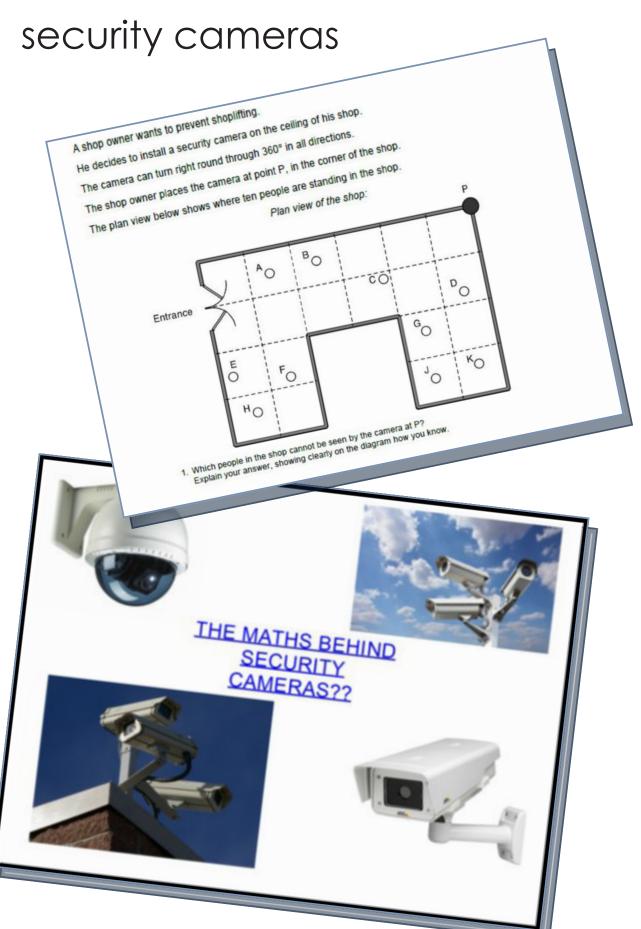
As part of the FaSMEd Project with Newcastle University, we had a new style of science and maths lessons. Then we had a weekly lunchtime comics club to make our own short comics about FaSMEd lessons.

We drew vomit comics to get our ideas out.

After we decided who'd focus on which lessons, we worked through the stages of drafting, pencilling, and inking each one-page comic.

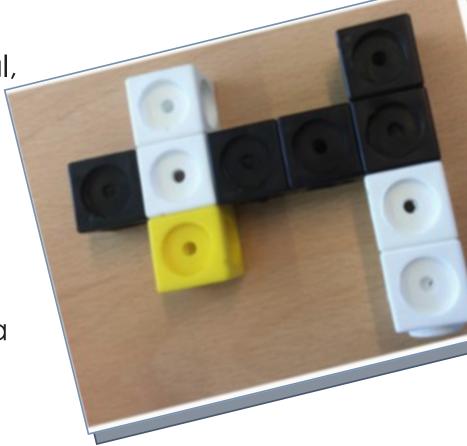
2015/16

Thank you to Miss Heslop (Teacher of Maths at GSHS), Ulrike Thomas, Lucy Tiplady, and Jill Clark from Newcastle University's Research Centre for Learning and Teaching, and Lydia Wysocki from Applied Comics Etc. Optimizing coverage:

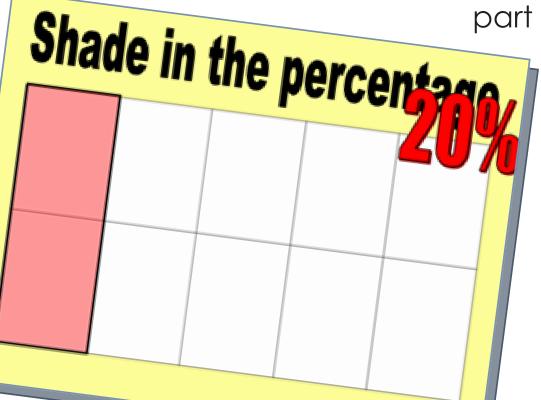


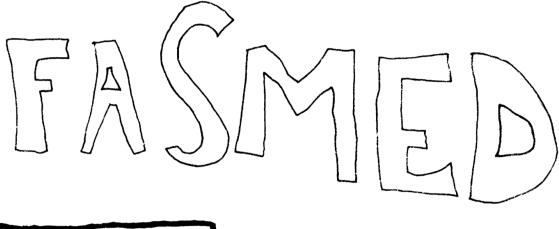
'It was practical, it wasn't just writing down.

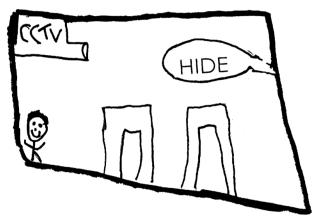
We got to role play, not run around the classroom but a bit more freedom.'



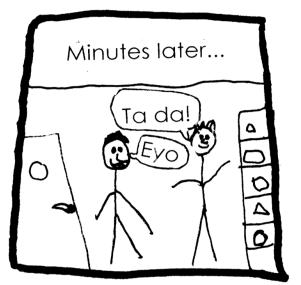
'We got to move around a lot, not like you normally do in maths like where you do multiplication and stuff like that. We actually got to take part properly.'

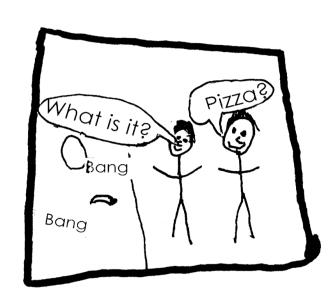


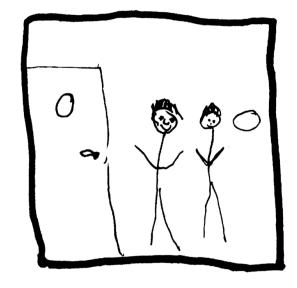


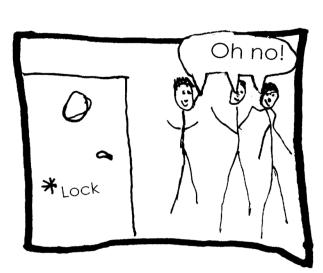


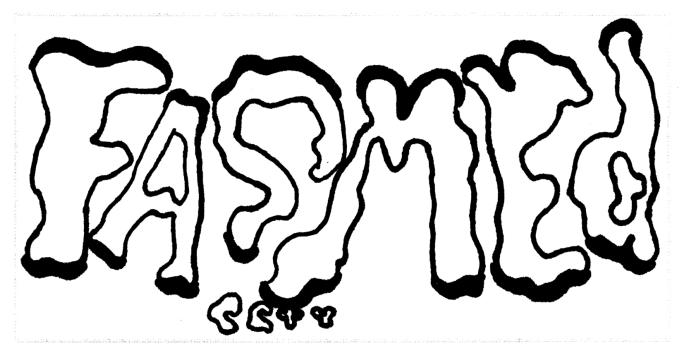


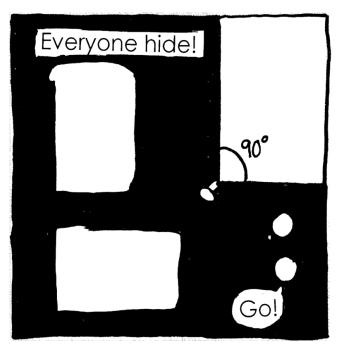


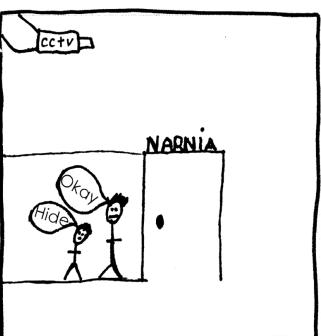


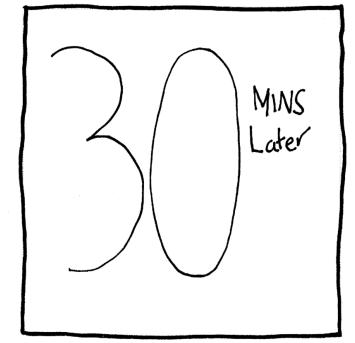


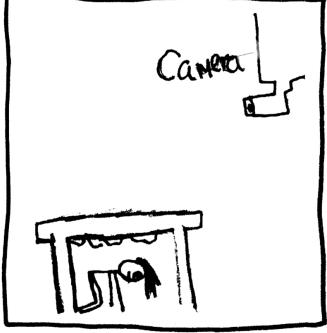






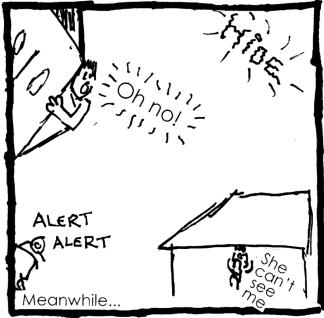






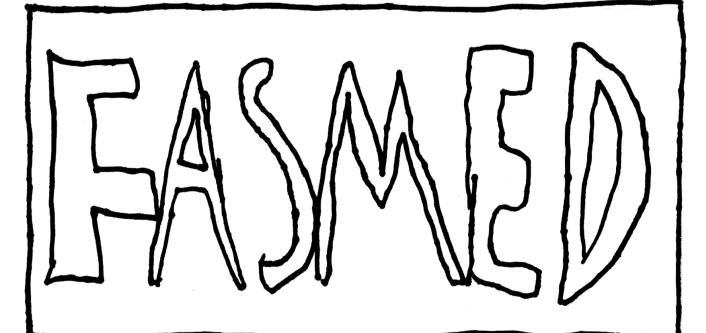
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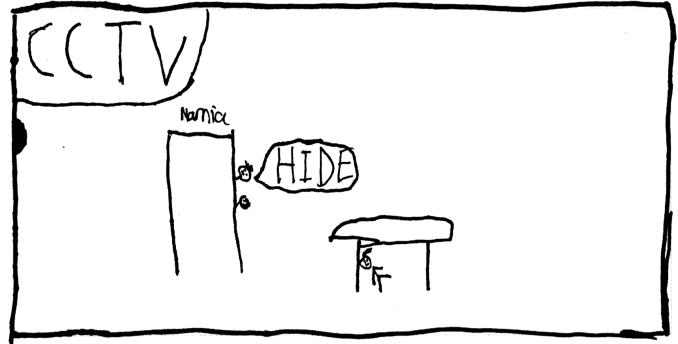






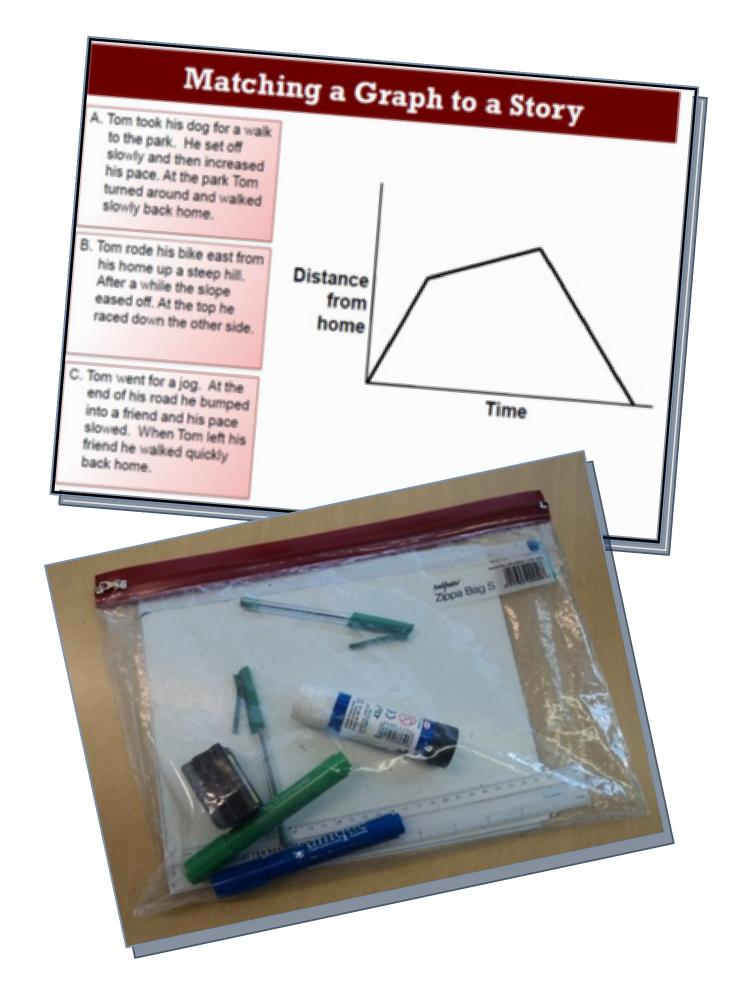








Interpreting Distance Time graphs

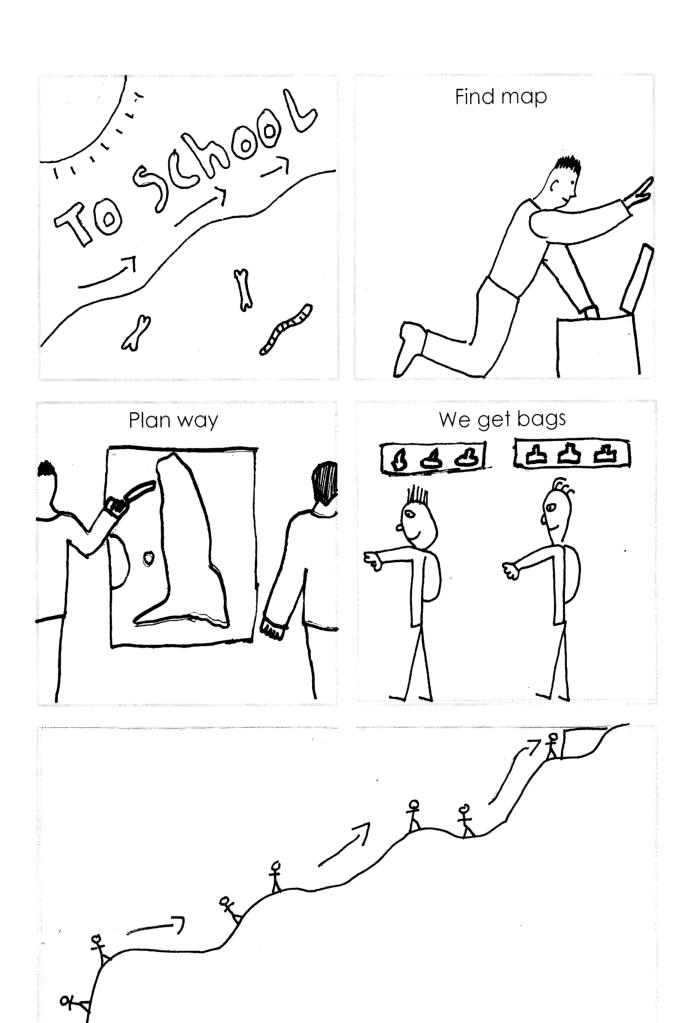


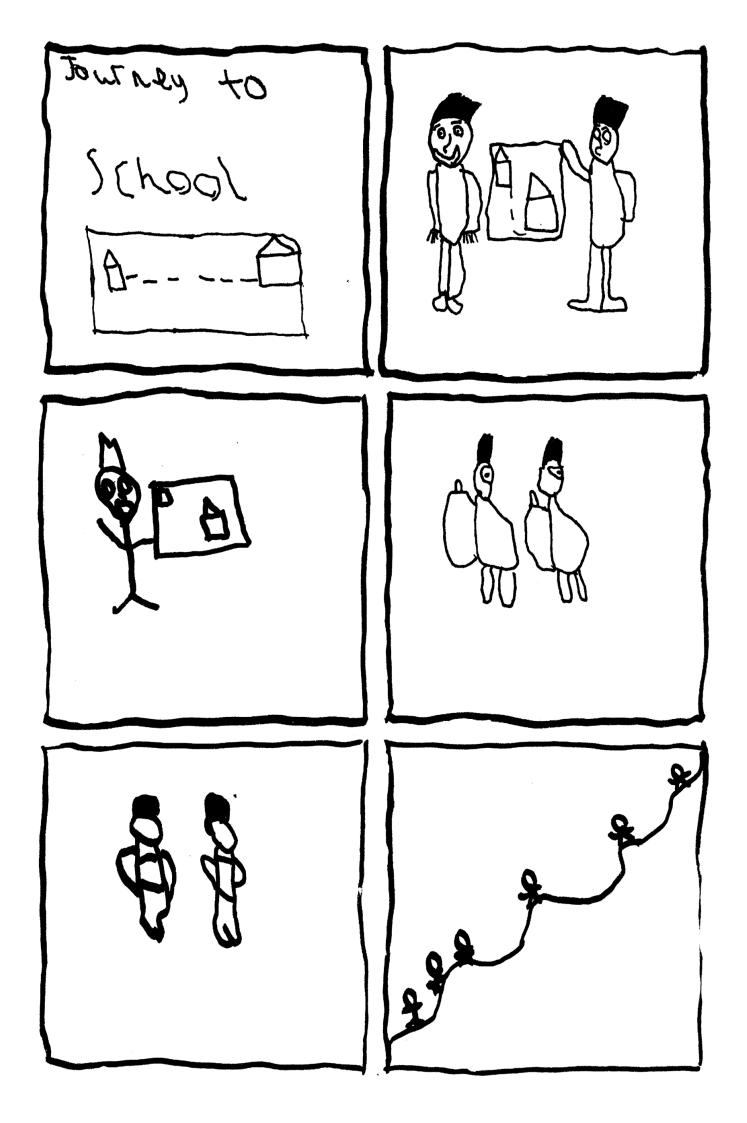
'We were more independent.'

'[the teacher] just told us what to do and then just let us do it.'

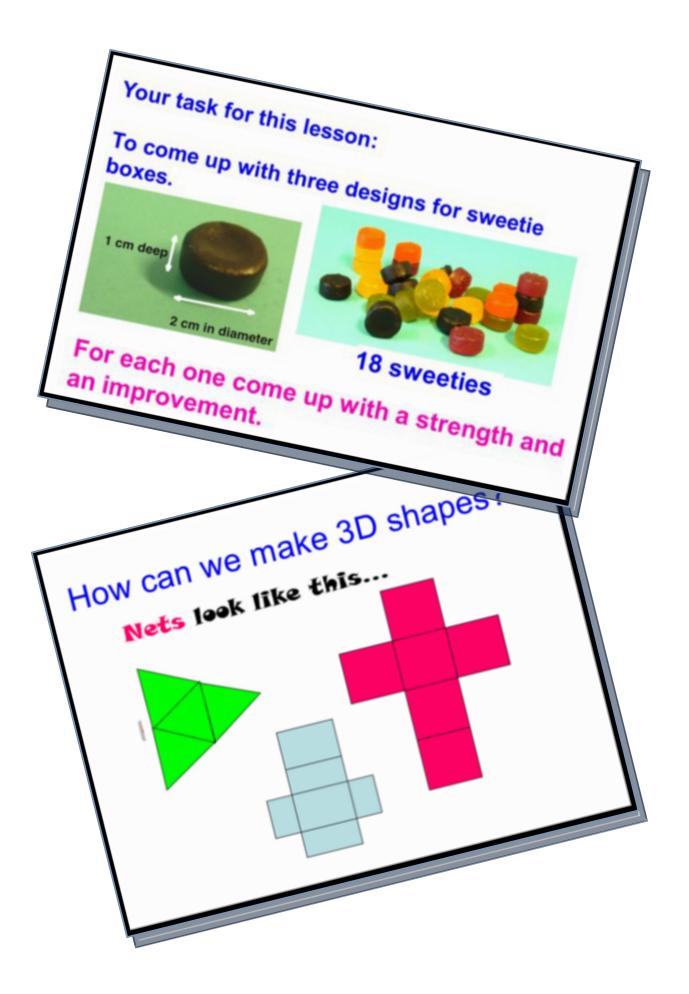
'If I was stuck I would ask some of my friends first but then I would ask the teacher.'







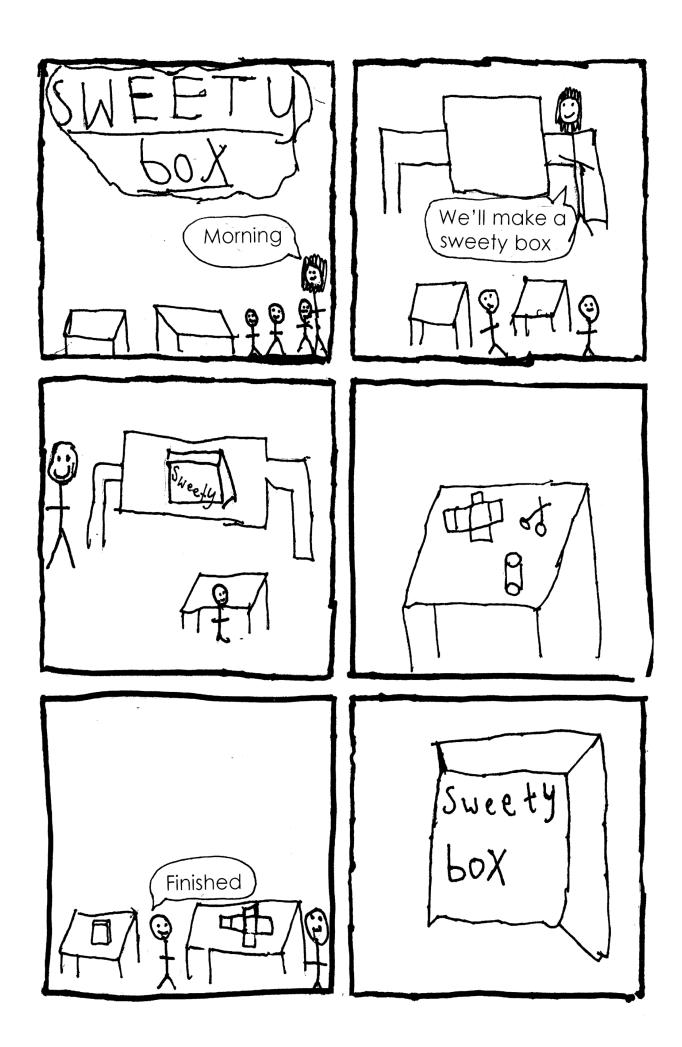
Design a candy carton

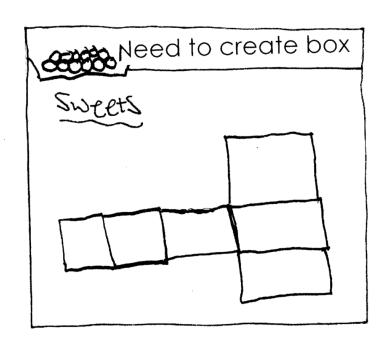


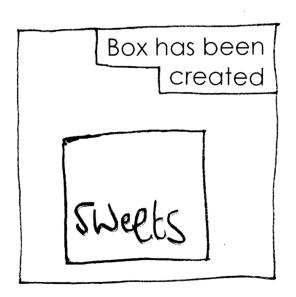
Making comics as a way to reflect on FaSMEd lessons

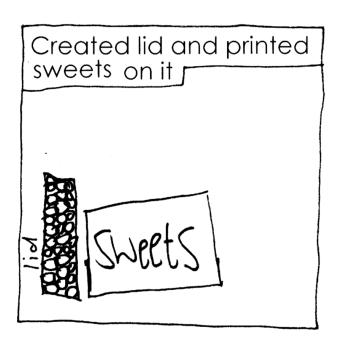


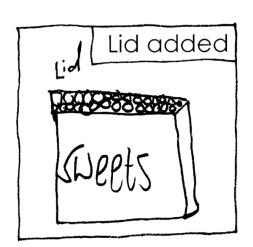
Use pencil for planning
Edit to make your story clearer
Use ink for final artwork

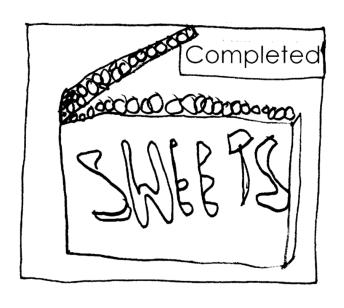


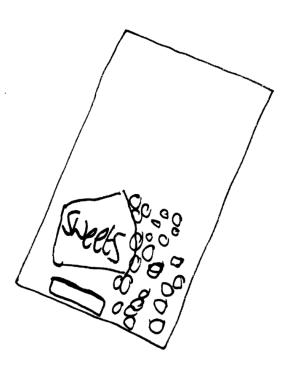


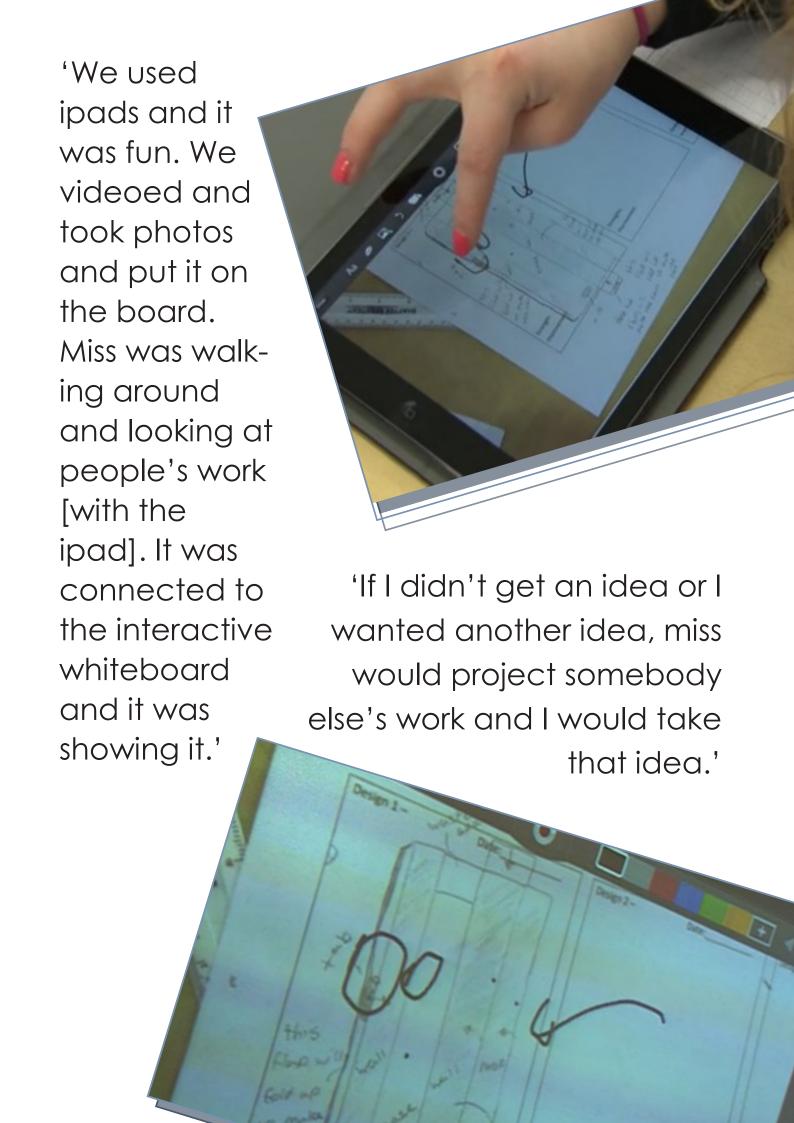




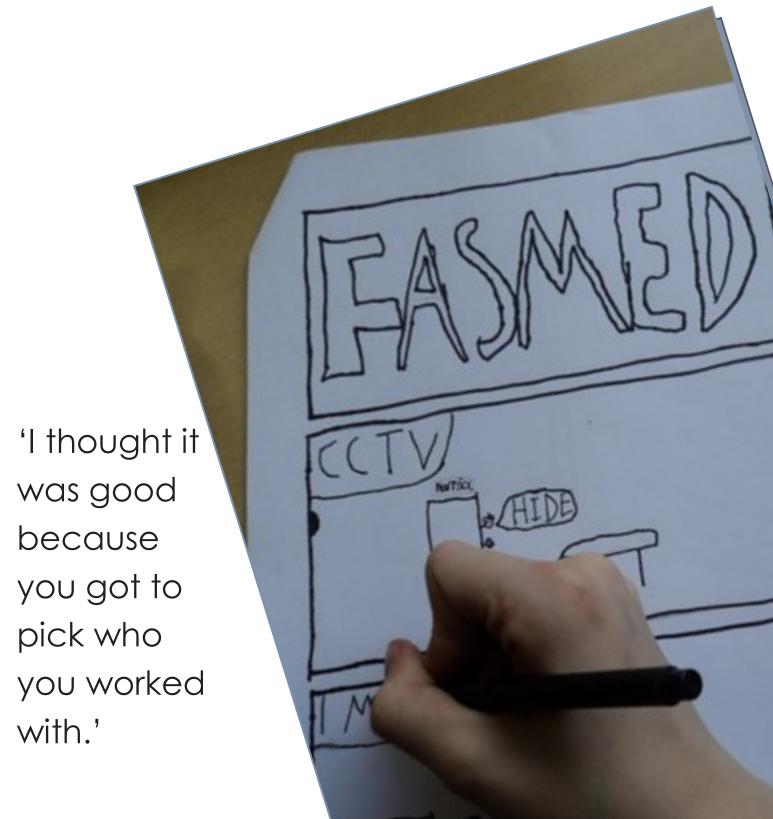








'We worked well because if you were by yourself you might struggle. If you're with a partner and you're stuck on something they can help you. So it's kind of easier because if you don't know something they might know something.'



Improving Progress for Lower Achievers through Formative Assessment in Science and Mathematics Education (FaSMEd)

FaSMEd is a Science in Society Collaborative Project of the European Community

This three year, €1.9M project led by Newcastle University, UK will take lessons from around the world to help improve mathematics and science skills in Europe and South Africa.

Working with partners across eight countries, researchers will look at how technology can be used in formative assessment by teachers to help raise attainment levels among the lowest achieving students.

This project has received funding from the European Union's Seventh Framework Programme under grant agreement no 612337

https://research.ncl.ac.uk/fasmed/

Comics about lessons about...

- ... journeys to school
- ... hiding from a CCTV camera
- ... making a sweety box.









