

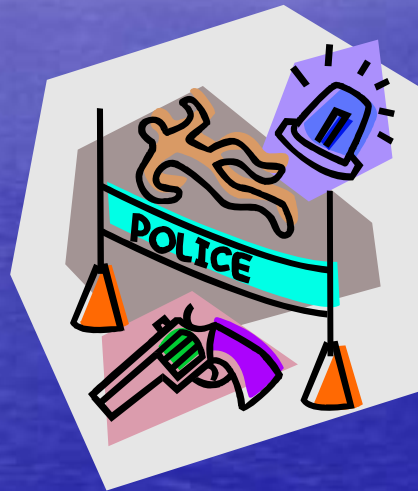
The Geography department of Highfields Science Specialist School, Wolverhampton

- Geographical Murder Mystery fieldwork



Who, What, When,
Where, Why, How?

Who killed G. Joe Raphical?



THE 'BIG QUESTION' IS, WHO KILLED G. JOE Raphical ???

- G. Joe Raphical was brutally murdered after enjoying a quiet drink in 'Swallow Falls' public house, outside the village of Betws-y-Coed, on Tuesday 30th April at around 8.15 pm.

He was aged 28 and single, believed to be a visitor from the West Midlands area.

He was dead within seconds of being attacked and his body was dumped in the river; a post mortem revealed two slash wounds to the chest and that he had been in the river for 2 hours.

The Background

- David Leat and Thinking skills
- Logo visual technology (LVT) trial FOR LEA
- Wolverhampton LEA "Excellence in cities" status and G&T agenda
- The 'squeeze' on Geography in the curriculum (KS3 &KS4).
- Personal belief in practical learning and making pupils engage in thinking through challenge.
- Cross curricular links: Numeracy; Literacy; Citizenship; and anything else I could think of????

What is the Geography behind the MURDER!!!

- Fieldwork Techniques
 - Soil sampling and analysis [sampling, data collection]
 - Measurement of river velocity
 - Map reading and orienteering.



What happens?

- 30 students are taken to a outdoor educ. centre in North Wales where the pupils are briefed that a young geographer has been found stabbed to death in a river in N. Wales.
- Their task over the weekend is to work out, who, from the 6 suspects identified did it!
- Where the murder took place and the reasons for the murder (Why).



What happens during the stay?

Friday

Arrive approx 3.30-4pm at Towers and have introduction to local environment.

Evening activities:

Set the scene with story telling and practical activity of soil sampling from the shoes of the 6 suspects and victim.

Saturday

Morning: After breakfast groups to river indicated in map, using own map skills to find crime scenes mention in story .When at last location do a quick river velocity measurement for early evening detective work.

After lunch some outdoor pursuit activities organised by centre staff.

Evening Activity

Video diary of findings so far and prime suspects.

Sunday

Morning: after breakfast an orienteering activity that afterwards we can award clues(to the crime) for every station reached within the time set.

Lunch

Plenary (30min) to summarize all the clues and what they should do with them

Pack up and clear up

Prize giving for team work awards

Friday

Arrival: Introduction to the suspects

- Analysis of soil taken from shoes





Bar tender, Ewan Mee

Aged 21, single. Says he was in the back room washing glasses when he heard a male voice screaming abuse, and then a thud outside. Described a peaceful day in the public house previous to



Local resident, Gwyneth Poultry

Aged 77, widowed, 2 children. "I was waiting for Doris- we meet for a sherry every Tuesday...my sight is quite poor...I just heard some fracas outside but didn't spot the perpetrator."



Quarry owner, Roger Less

Aged 46, married, 1 child. "I come in here every day, once I've been up to the quarry and checked the lads are alright. What would I want with a pesky tourist?? I might have killed a conservationist, but come



B&B owner Holly Berry

Married, aged 31. "Well I entered the pub just before the police arrived. I love the tourists coming to visit, but to be honest I could see this coming. Not everyone is as welcoming."



National Park Ranger, Gary Youngman

Aged 37, married. Was enjoying a drink with his 'bit on the side' when the disturbance occurred, therefore reluctant to give evidence. Has a reputation of being hardworking and taking his job very



Farmer Jones

Aged 54, married with 3 children and many animals. Claims he often visits The Swallow Falls, and enjoys a pint of Mild following a long day milking the herds. Also stated that he has no motive...but do you believe him??

Saturday: AM

Investigation of the site where the body was discovered.





Saturday

Using the river data and soil analysis on the LVT boards to categorise and evaluate.



Sunday



Map reading and orienteering skills applied to hunt clues as to:

'Who Dun it!!'



Logo Visual Technology

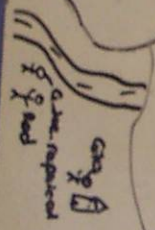
Secret Coded

Team

2000/11/15
AFMC/AM/FZSD/1
Guaranteed Property

qalnucl
SA fds
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fzsd

ABCDEFCHIK
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RRZSD
Sgabt

Not! 2 hours
in
river



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km

shud hr
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gac
Sgc
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+ FHWDR

Cashua
hr
Szd Atchmarr land

ANCE
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Fhwdr

Ryan Sporo
Michael
Radford

Future Plans & Developments

- With the award from the Society we will be able to purchase digital flow meters and cameras. These then will be used by the pupils with the ICT facilities to produce their own presentation of the evidence at the end of the weekend.
- To expand the experience across the LEA to promote Geography as an essential and practical subject. Involving outside agencies e.g. Environment agency and police.

Acknowledgements & Thanks go to

- Long suffering members of my dept. Jodie, Laura & Rachael



Acknowledgements & Thanks go to

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- The Towers OEC, Capel Curig, N. Wales.
- Various colleagues I have 'borrowed' from .

• **THANK YOU**