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Developing Remote Crime Scenes – Google Earth Workshop

Katie Davidson

Centre for Forensic Science

University of Strathclyde

@strathforensics

@KatieDavidson90

Background

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2009 – 2013

- University of Abertay Dundee
- BSc (Hons) Forensic Science

2016 - 2018

- Cellmark Forensic Services
- Forensic Casework Examiner

Nov 2019

- University of Strathclyde
- Teaching Assistant
- MSc Forensic Science – biology focus

Present

- 4 months in role before lockdown
- Adapting to remote teaching

Crime Scene Investigation

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- Essentials of Forensic Science module – Theme 1: Crime Scene Investigation
- Focus on key principles of crime scene investigation, management, and major crime.
- Roles, common practices and methodologies.
- Normally face to face lecture with activities.
- Replaced with recorded lecture content and live workshop to ensure student engagement and consolidation of information.

Aims & Objectives of Workshop

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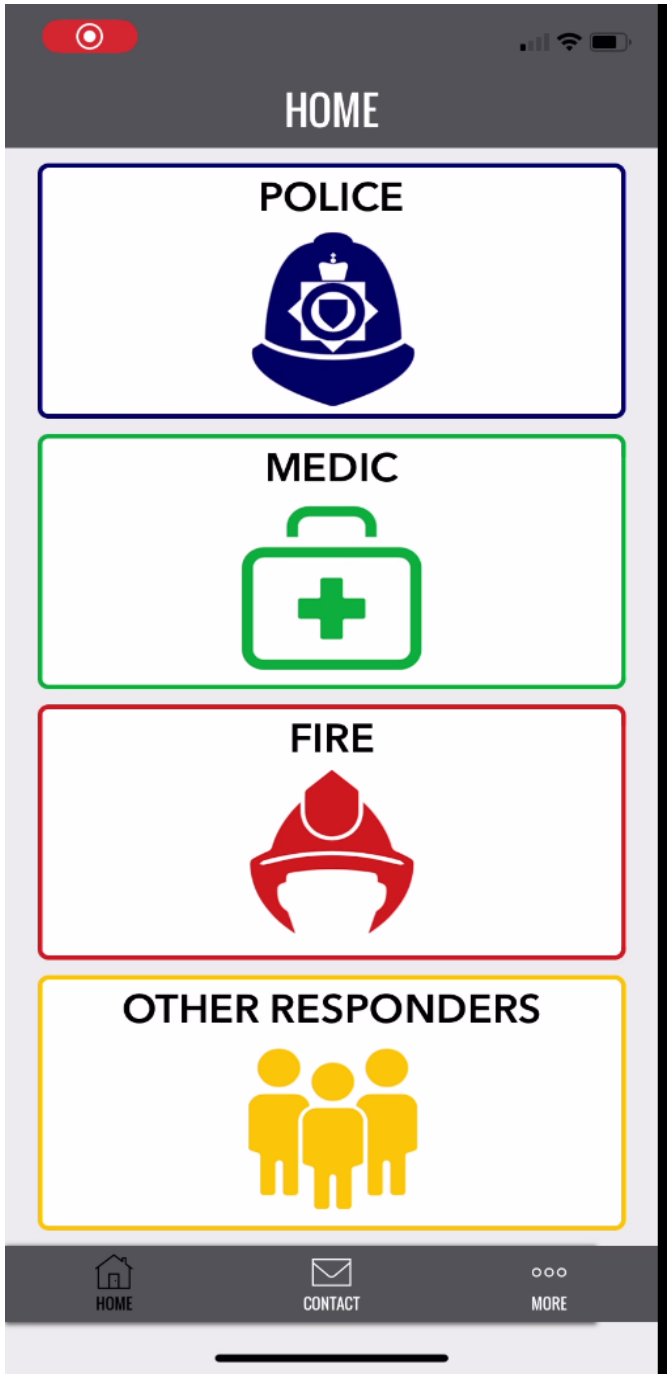
- To support theoretical crime scene content and apply knowledge to a scenario (in preparation for the practical crime scene exercise).
- Create an engaging experience where the students could demonstrate problem solving skills and critical thinking to evaluate a situation and make informed decisions.
- Application of crime scene principles and best practice, combining crime scene investigation and management.
- Group working, discussion and presentation of information.



CRIME SCENE ASSIST LTD

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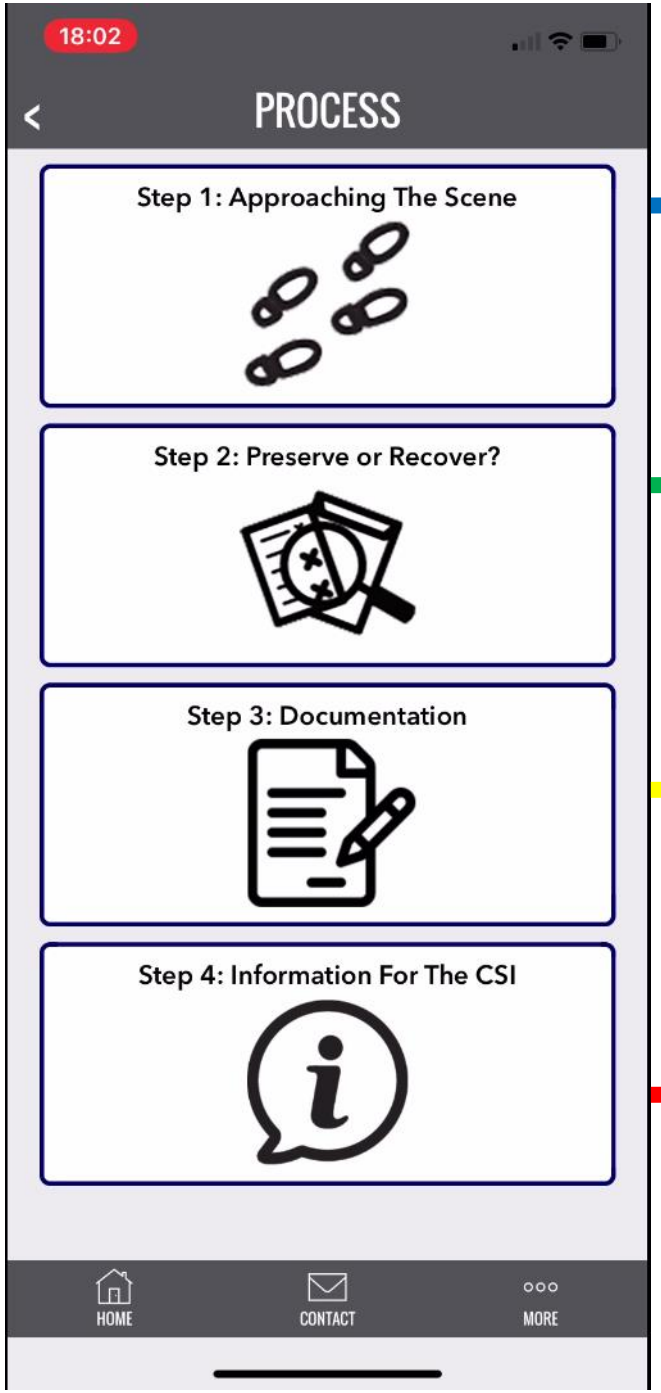
Crime Scene Assist App is designed to raise forensic awareness and is suitable for anyone who has the potential to be the first responder at a crime scene.

It offers best practice advice and guidance for scene preservation, recovery and documentation and provides useful checklists for key decisions made at the scene. This can be helpful for statement and report writing and even presenting evidence in court.



- Volume Crime
- Major Crime

- Wear PPE
- Leave evidence in situ
- Avoid cross contamination
- Risk of loss
- Suspect or victim

- Date and time
- Location
- Persons present
- Statements
- Actions taken

- Nature of the incident
- Indoors or outdoors (multiple)
- Victim and suspect details
- Witnesses / CCTV
- Potential evidence

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Google Earth Project

- Crime scene scenario document with case details, screenshots and images that the students could work through.
- Google Earth screenshots – discovered you could make projects and presentations with interactive content.
- Add markers, information, images and slides.

Project Tutorial

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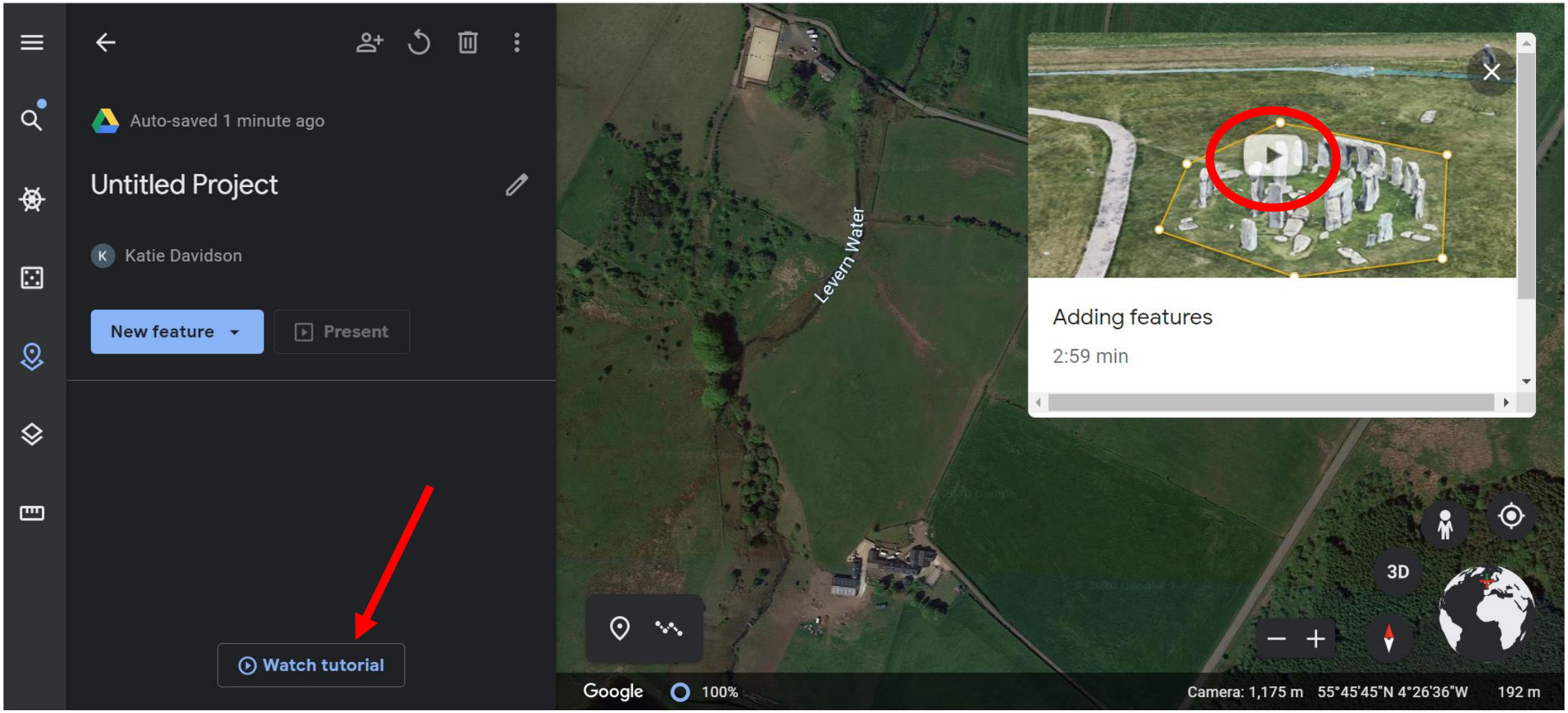
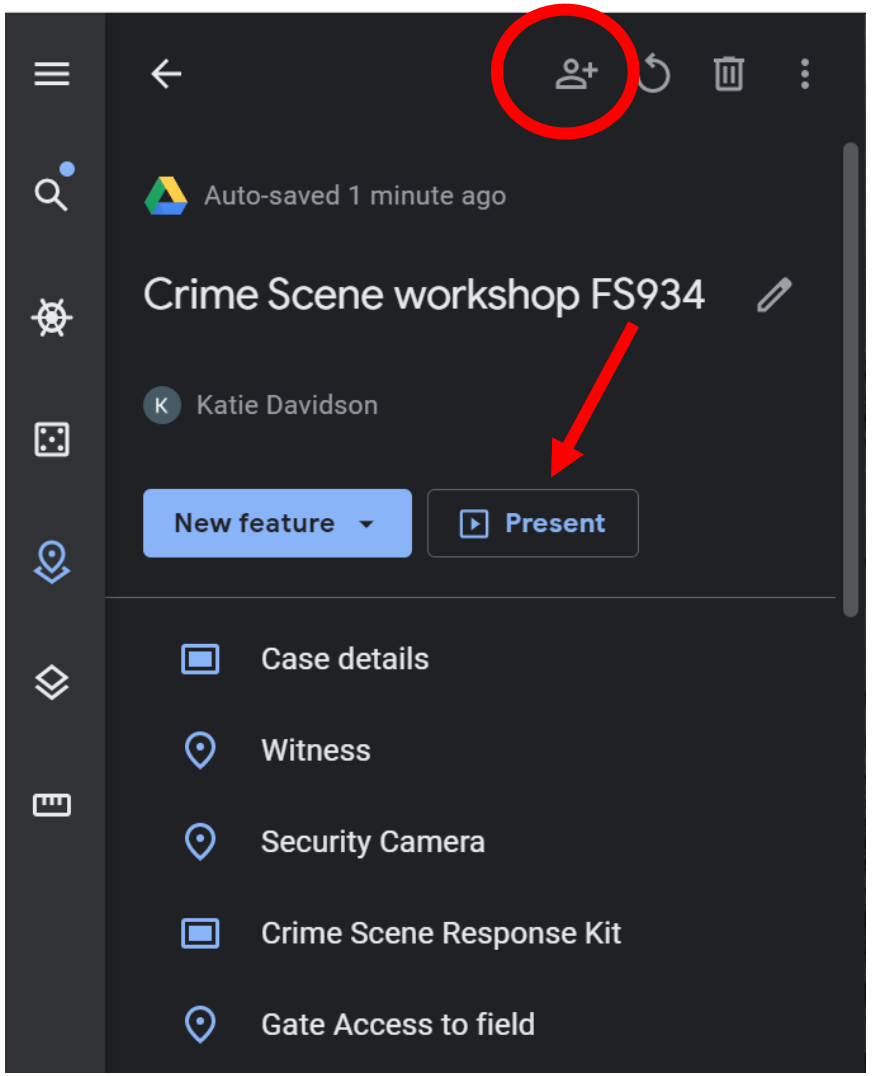
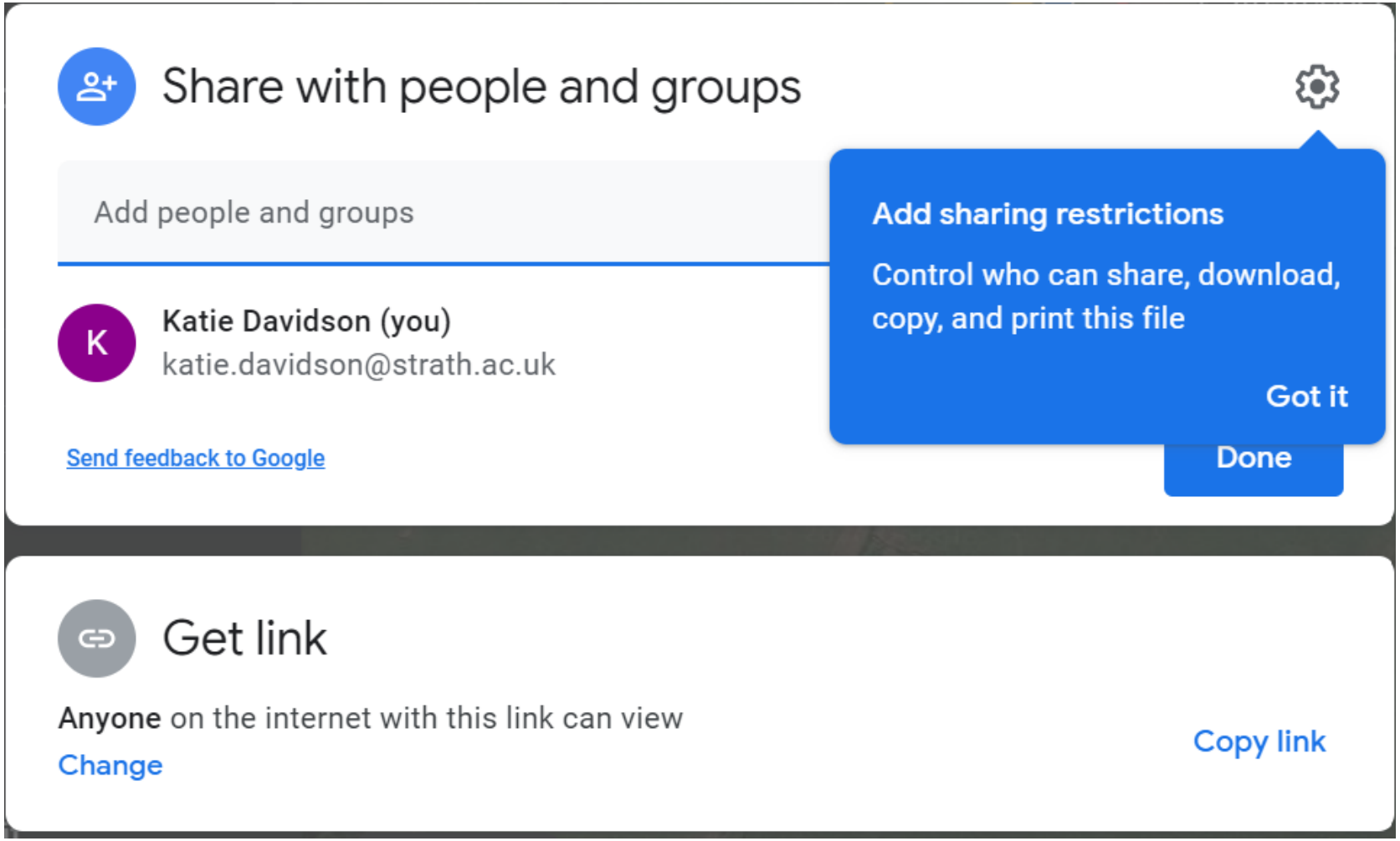


Google Earth Crime Scene



Sharing the project



Workshop Activity

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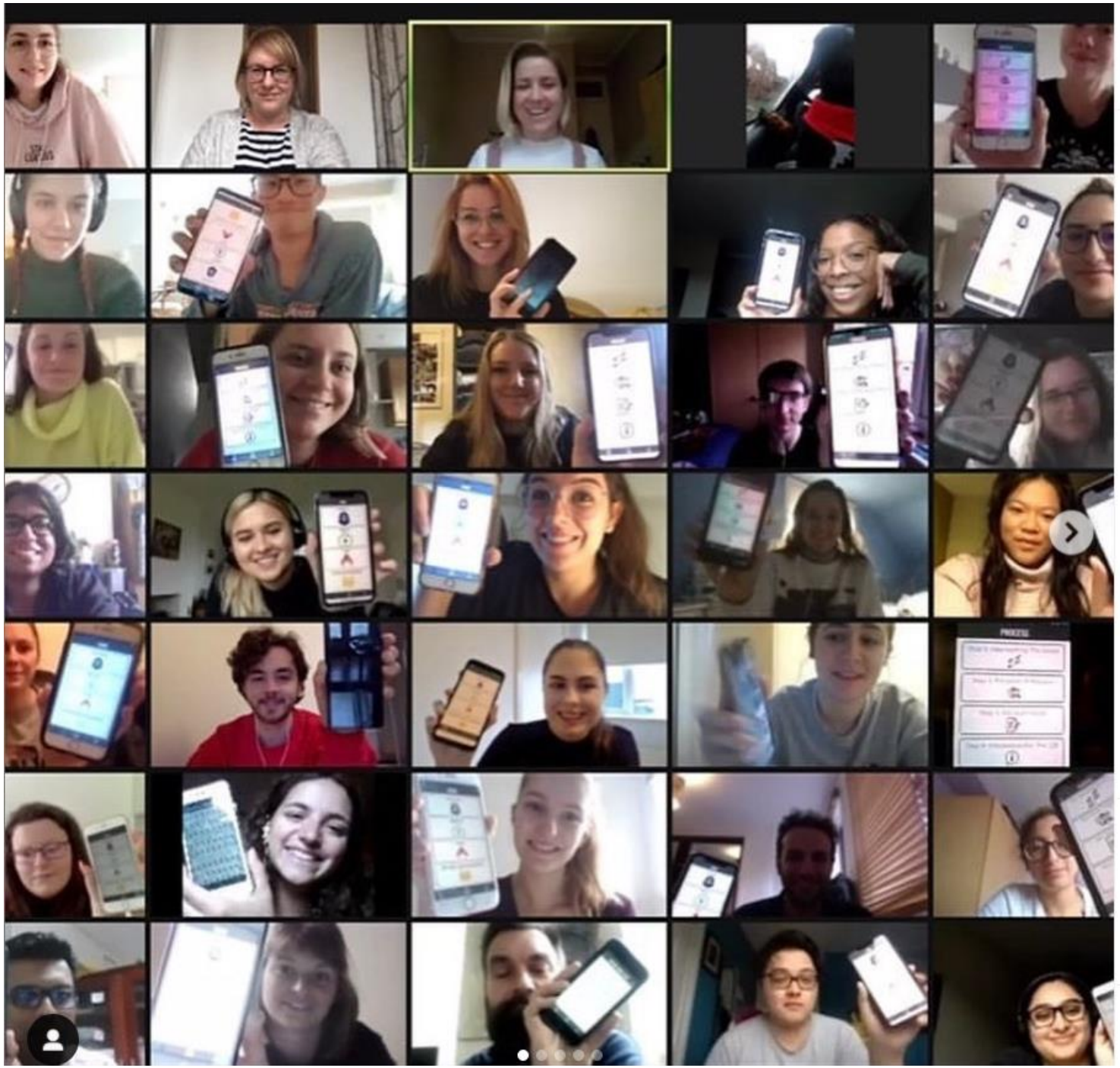
- Undergraduate and Masters level students
- Variation in workshops
- Zoom breakout rooms, group discussions, Q&A
- Recorded session and Google Earth link made available
- Positive feedback from students
- Demonstration!



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strathforensics A couple of weeks ago we ran online workshops using the #crimesceneassistant app, during which students applied what they learned in lectures to a virtual crime scene. In these strange circumstances, brilliant tools like this ensure our students are still getting hands-on experience! #mscforensicscience #remotelearning #crimesceneinvestigation #strathforensics #strathscience

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lionbridge_ai Nice content ! ☺ Please follow our account if you are interested in AI and freelance work! 🙌

Liked by **penny_haddrill** and **42 others**

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Future Applications

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- Created for remote teaching but would be effective as in classroom teaching as well, group working and doing a walkthrough of the scene with discussions.

- Use for assessments or exams, students can demonstrate understanding and application of knowledge – problem solving element which can be hard to apply to exam questions for this topic.

Thank you!
Questions?