

PARTICIPANT INFORMATION PACK

Identifying children within Palaeolithic lithic assemblages

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Co-Researcher: Dr Matthew Pope (UCL)

Ethics Chair Contact: ethics@ucl.ac.uk

1. Who are we?

Fahmida Begum is a third-year archaeology student studying at UCL. Dr Tomos Proffitt and Dr Matt Pope are part of the staff at UCL's institute of Archaeology. Tomos and Matt are Fahmida's dissertation supervisors and investigators for this study. We all study/teach archaeology!

2. What is this project and why is it being done?

This project is part of an archaeological undergraduate **dissertation study** (of Fahmida Begum, UCL) which aims to identify characteristics in stone tool flakes and cores found in the archaeological record, which can be attributed to children knapping. By examining this topic, the study will hopefully produce results that will aid archaeologists in identifying child-**knappers*** in the Lower Palaeolithic archaeological record.

To accomplish this, we are holding a knapping session that will take place over a day at Butser Farm. In this session flake samples will be created by children and adults and then collected and examined for comparison of knapping characteristics. By comparing novice adults to novice children, we will hopefully be able to differentiate the characteristics that can be attributed to child knappers as opposed to adults.

**knapping is the action of removing thin flakes from a large r block of stone through striking them with a rounded cobble (called a hammerstone). This was a common method of making stone tools in the past*

3. So, what exactly are you looking for?

Past experiments have revealed that when amateur knappers produce tools they leave identifiable errors in the flakes. We are unsure of what exact errors we will be expecting to find with children but that is what this study is for! Previous research has shown evidence of step terminations, hinge terminations and overshoot flakes in flint that is worked by novice adults. (See below in *Lithic Terminology*)

4. What makes me eligible?

We are looking for volunteers: adults (18+) and children between the ages of 7 and 14, with no previous experience of flint knapping!



5. What do I/my child have to do?

Each participant will be knapping one at a time with the researchers supervising and will be given an identifying number i.e. Adult 1 OR Child 3. A porcelain core will be given to each of you and you will be expected to remove as many flakes as you can from the core. *See left.* Each participant will be instructed by the researchers throughout the whole process, and we will demonstrate exactly what you need to do and provide examples of the desired product. After each flake has been produced, it will be collected, bagged and labelled.

6. What if I do not want to take part anymore?

That is absolutely fine, you can withdraw at any moment before or during the experiment, just make sure you let the researchers know that you no longer wish to participate. If you do not want your results to

be included in the research, you have up to a month after 20/02/2020 to request a withdrawal. All you need to do is email us to request that the data you produce not be included.

7. What will happen after the knapping session is done?

You will be given a debriefing session, where we will discuss with you how you felt the experimental session went and if you have any further questions about the experiment itself, its background and what we are going to be doing with the material you have just created.

8. What will happen to my data/my child's data?

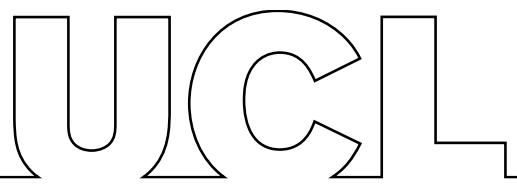
All information will be anonymised, the only way we will be able to identify the participants is through the identification numbers they are given. The age and sex of each participant will also be recorded for the purpose of data analysis, but no specific identifying factors will be noted. Additionally, no data will be shared with third parties.

9. What are the risks of taking part?

This is a low-risk project, so the risks are minimal. However, it is important to note that you will be working with porcelain to produce flakes which can be sharp and cause injury if not handled correctly. Safety equipment, such as gloves, will be provided for participants.

10. Can I see the final research after it has been published?

If you would like to know the results of the study once it is completed in May 2020, please contact the principal researcher, Fahmida Begum using the details provided at the top of this form. You will be sent a short summary of the findings.



11. Do I need to bring anything with me?

No. However, appropriate clothes and shoes are recommended: this included closed-toe trainers/walking boots, trousers and long-sleeve tops to add a precautionary layer of protection from any small bits of porcelain that may fly off during knapping.

12. Can I keep the products?

Unfortunately, no. We require all the flakes for analysis, but you are welcome to take as many pictures as you want. We can also offer you an example porcelain flake as a memento of you time during this experiment

Further Information and Questions.

Feel free to contact Fahmida Begum, contact details are provided above!

Local Data Protection Privacy Notice

- The controller for this project will be University College London (UCL). The UCL Data Protection Officer provides oversight of UCL activities involving the processing of personal data, and can be contacted at data-protection@ucl.ac.uk
- This 'local' privacy notice sets out the information that applies to this particular study. Further information on how UCL uses participant information can be found in our 'general' privacy notice:
 - For participants in research studies visit: <https://www.ucl.ac.uk/legal-services/privacy/ucl-general-research-participant-privacy-notice>
- The information that is required to be provided to participants under data protection legislation (GDPR and DPA 2018) is provided across both the 'local' and 'general' privacy notices. The categories of personal data used will be as follows:
 - Age
 - Sex
- The lawful basis that will be used to process your personal data are: 'Public task' for personal data and 'Research purposes' for special category data.
- Your personal data will be processed so long as it is required for the research project. We will anonymise all personal data you provide and endeavour to minimise the processing of personal data wherever possible.
- If you are concerned about how your personal data is being processed, or if you would like to contact us about your rights, please contact UCL in the first instance at data-protection@ucl.ac.uk.



Lithics Terminology

Knapping: the action of shaping stone by striking it to make tools

Core: a piece of stone that has had blades and flakes removed from.

Flakes: Pieces of stone that have been chipped from a larger core. These can be retouched to form specific tools or be used unmodified.

Step Terminations: A flake that creates a 'step' on the surface of the core. This usually more common when thinner flakes are being produced. *See A.*

Hinge Terminations: When a flake 'rolls out' and falls short of the desired outcome. It usually follows a straight trajectory and suddenly turns outwards and terminates the flake. *See B.*

Overshot Flakes: When a flake travels from one margin to another and clips the opposite edge. It appears as a straight trajectory and then curves in, to the opposite side. *See C.*

