

Research study:

Preparing young people for the digital economy:

The impact of the English computing curriculum as delivered at Key Stage 3.

Participant Information Sheet (Expert Interview)

Date: 01st of November 2018

Studying the Key Stage Three computing curriculum

This study will be looking at how teaching computing impacts on pupils' attitudes and beliefs about working with computers in the future.

The purpose of this study is to explore the impact that the Key Stage 3 computing curriculum is having on students' and teachers' attitudes working with computers in the future. The research has been conducted through a mixture of observations and interviews.

Why have you been asked to participate?

The nature of this sort of research is that it can only be conducted with a limited number of participants. To better understand how the research findings could be applied to other studies I have arranged to speak to a number of Experts in the field of computing education (such as you). I have contacted you either because of your involvement in one the many organisations across the UK involved in computing education (such as Computing At Schools) or because your current or past job role may give you insight into how well my data reflects how the computing curriculum is delivered across the UK.

Do you have to take part?

No, taking part in this study is entirely voluntary. Your relationship with your school, the researcher or Lancaster university or any other organization connected with computing education, will not be impacted by choosing not to take part in this study.

What will you have to do if you take part?

If you agree to take part in this study, you will be asked to take part in short interview taking between 30min and one hour. This interview will be reflecting on the 'initial findings' from my Ph.D. Your answers and feedback will then help shape the final presentation of these findings in my thesis. Prior to the interview you will be sent a short (no longer than one A4 page) summary of my initial finding and a number of key discussion points regarding the these findings.

Interviews will be audio recorded and all or portions of the interviews may be transcribed. If you would like a copy of the audio recording or any transcription created you are welcome to have these.

How will your data be stored and protected?

All data collected in this study will be kept on secure encrypted and password protected digital storage(that is no-one other than me, the researcher will be able to access them). All videos, photographic and audio data will be transferred from any recording device to a encrypted password protected hard drive at the end of each days observations, and then deleted from the recording device.

There are two forms of data which will be treated as described below. These are **non-anonymised data** and **anonymised data**.

Non-anonymised data (including audio and video content, photographs and data linked to participant names) will be stored until the end of my Phd which should be approximately December 2019, although potentially could take longer. This enables me to analyze the data and produce anonymised forms of it. Only my direct academic supervisors and myself will have direct access to this data.

Anonymised data (in which participant names or other identifying attributes have been removed) will be stored for a minimum of 10 years and may be stored indefinitely. For example, audio data is anonymised by transcribing the events in the recording and using pseudonyms to refer to individual people. It is requirement of my funding from the Research Council that anonymised data is stored for this length of time. What I mean by transcription is that what people have said during the recording is written down; make something like script of what has been said. This is sometime done by computer software or in other cases done by a person

For further information about how Lancaster University processes personal data for research purposes and your data rights please visit our webpage:
www.lancaster.ac.uk/research/data-protection

How will your data be used?

Anonymised data (including all observed classroom activity, and interview transcriptions) will be used for the completion of my Ph.D. thesis and corresponding academic publications such as papers or conference presentations.

Although I may use direct quotes either from interviews or observations in my thesis or other publications these will be anonymised, before appearing. As previously stated if I use any photographs or videos in my thesis or other publication, every effort will be made to ensure that individuals are not identifiable.

Non-anonymised data will never be used in this way and will only be used to generate anonymised data.

What are the benefits and risks of taking part?

By taking part in the research you are helping the investigation of the impact of the KS3 computing curriculum. This research will be exploring how the policy intentions which motivate the development of UK curriculum are then delivered through activities in the classroom and the impact this then has on pupils' attitudes towards enterprise, entrepreneurship and the digital economy. The final thesis written from this project will include policy recommendations about how the computing curriculum could better take its impact on young people into consideration.

The risks of participating in this study are minimal. Your identity will remain confidential and will be anonymised on all project documentation and results, as described above.

What if you change your mind?

You can withdraw from the study at any time. If you withdraw within two weeks from the end of the fieldwork phase of the study (approximately October 1st November 2018), all data that relates exclusively to you will be destroyed (both anonymised and non-anonymised forms). If you choose to withdraw from this study, all recordings and transcripts pertaining to the interview with you will be destroyed. Any insights used in the Ph.D. which are linked exclusively to your interview will also be removed; however where your insights reflects comments made by others these may still be used (but in no way linked to you).

Withdrawing from this project at any point will not affect any relationship you may have with Lancaster University or any other organisation connected to this project.

Further information

Individuals involved in this study.

Researcher/ Ph.D. Candidate: Benjamin Wohl, HighWire CDT, LICA , Lancaster University, LA1 4WA, b.wohl@lancaster.ac.uk

First Supervisor: DR Lynne Blair, School of Computing and Communications, Lancaster University, LA1 4WA l.blair@lancaster.ac.uk | 01524 510360

Second Supervisor: Professor Martyn Evans, Manchester School of Art, Manchester Metropolitan University, Cavendish St, Manchester, M15 6BG Martyn.evans@mmu.ac.uk | 0161 247 1292

Interviews will only be conducted by Benjamin Wohl.

Concerns or complaints

If you have any concerns or complaints please contact:

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This study has been reviewed and approved by Lancaster University's Research Ethics Committee.

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Expert Interview Consent Form

Please tick each relevant box

- ☐ I confirm that I have read and understood the Participant Information for this study.
- ☐ I have had the opportunity to consider the information, ask questions about the research and have had these answered satisfactorily.
- ☐ I agree to take part in the research and understand that my participation is voluntary.
- ☐ I understand that I can withdraw from the study at any time, and that if I withdraw within two weeks from the end of the fieldwork phase of the study (approximately December 1st 2018), all data that relates exclusively to me will be destroyed (both anonymised and non-anonymised forms). If I withdraw after this point anonymised data will be retained.
- ☐ I understand that data collected during the course of this study will be stored as described in the participant information sheet.
- ☐ I agree that anonymised quotations can be used in any publications that arise from this study.
- ☐ I agree to be interviewed as part of this study.
- ☐ I agree for any interviews, which are conducted with me to be audio recorded for data collection purposes.

Date:

Name of participant:

Participant's Signature: