

APPLICATION FOR ETHICAL APPROVAL

In order for research to result in benefit and minimise risk of harm, it must be conducted ethically. A researcher may not be covered by the University's insurance if ethical approval has not been obtained prior to commencement.

The University follows the OECD Frascati manual definition of **research activity**: "creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications". As such this covers activities undertaken by members of staff, postgraduate research students, and both taught postgraduate and undergraduate students working on dissertations/projects.

The individual undertaking the research activity is known as the "principal researcher".

Ethical approval is not required for routine audits, performance reviews, quality assurance studies, testing within normal educational requirements, and literary or artistic criticism.

Please read the notes for guidance before completing ALL sections of the form.

This form must be completed and approved prior to undertaking any research activity. Please see Checklist for details of process for different categories of application.

Delete the Guidance Notes at the end of the form BEFORE submitting your application

SECTION A: About You (Principal Researcher)

Full Name:	Shauna Violet Lewis				
Tick all boxes which apply:	Member of staff:	☐	Honorary research fellow:	☐	
Undergraduate Student	☐	Taught Postgraduate Student	☒	Postgraduate Research Student	

Faculty/School/Centre:	University of Wales; Trinity Saint David
Campus:	Swansea
E-mail address:	1000809@student.uwtsd.ac.uk
Contact Telephone Number:	07477823923
For students:	
Student Number:	1000809
Programme of Study:	PGCE Primary
Director of Studies/Supervisor:	Lillian Martin/ Catherine Morgan

SECTION B: Approval for Research Activity

Has the research activity received approval in principle? (please check the Guidance Notes as to the appropriate approval process for different levels of research by different categories of individual)	YES	☒	NO	☐
				Date
If Yes, please indicate source of approval (and date where known): Approval in principle must be obtained from the relevant source prior to seeking ethical approval	Research Degrees Committee	☐		
	Faculty Research Committee	☐		
	Other (write in) Head Teacher of research school	☒		16/12/19

SECTION C: Internal and External Ethical Guidance Materials

Please list the core ethical guidance documents that have been referred to during the completion of this form (including any discipline-specific codes of research ethics, and also any specific ethical guidance relating to the proposed methodology). Please tick to confirm that your research proposal adheres to these codes and guidelines.	
UWTSD Research Ethics & Integrity Code of Practice	☒
UWTSD Research Data Management Policy	☒
British Educational Research Association	☒

SECTION D: External Collaborative Research Activity

Does the research activity involve collaborators outside of the University?	YES	☐	NO	☒	
If Yes, please provide the name of the external organisation and name and contact details for the main contact person and confirmation this person has consented to their personal data being shared as part of this collaboration.					
Institution					
Contact person name					
Contact person e-mail address					
Has this individual consented to sharing their details on this form?	YES	☐	NO	☐	
Are you in receipt of a KESS scholarship?	YES	☐	NO	☐	
Is your research externally funded	YES	☐	NO	☐	
Are you specifically employed to undertake this research in either a paid or voluntary capacity?	Voluntary	YES	☐	NO	☐
	Employed	YES	☐	NO	☐
Is the research being undertaken within an existing UWTSD Athrofa Professional Learning Partnership (APLP)	If YES then the permission question below does not need to be answered.	YES	☐	NO	☐
Permission to undertake the research has been provided by the partner organisation	(If YES attach copy) If NO the application cannot continue	YES	☐	NO	☐

Where research activity is carried out in collaboration with an external organisation

Does this organisation have its own ethics approval system?	YES	☐	NO	☐
If Yes, please attach a copy of any final approval (or interim approval) from the organisation				

SECTION E: Details of Research Activity

Indicative title:	How effective are the use of lollipop sticks as a strategy of assessment for learning in key stage 2?		
Proposed start date:	6.01.20	Proposed end date:	21.02.20
Introduction to the Research (maximum 300 words) Ensure that you write for a <u>Non-Specialist Audience</u> when outlining your response to the three points below: • <i>Purpose of Research Activity</i> • <i>Proposed Research Question</i> • <i>Aims of Research Activity</i> • <i>Objectives of Research Activity</i> Demonstrate, briefly, how <u>Existing Research</u> has informed the proposed activity and explain • <i>What the research activity will add to the body of knowledge</i> • <i>How it addresses an area of importance.</i>			
Purpose of Research Activity To develop the research element of the qualified teaching status standards. (this box should expand as you type)			
Research Question How effective is the use of lollipop sticks as a method of assessment for learning in Key Stage 2? (this box should expand as you type)			
Aims of Research Activity A comparison of methods of using lollipop sticks to inform and develop our teaching practice (this box should expand as you type)			
Objectives of Research Activity To conduct two lessons with different designs of lollipop sticks for assessment for learning, reflecting on the initial lesson to inform the planning for the second. Observe three pupils from each class from a range of abilities to research the impact that the use of lollipop sticks has regarding children's engagement.			

To reflect on the overall research of the impact of differentiated assessment for learning strategies within the classroom.

To discuss whether the second observation proved to be more effective than the first.

(this box should expand as you type)

Proposed methods (maximum 600 words)

Provide a brief summary of all the methods that **may** be used in the research activity, making it clear what specific techniques may be used. If methods other than those listed in this section are deemed appropriate later, additional ethical approval for those methods will be needed.

On Monday 16th December I will be contacting my current placement school, proposing the research question to the head teacher. The head teacher will then be able to inform me whether this question is suitable for a research project within the school. If the research question is approved, then the ethics form can be submitted to the ethics committee within the university.

During our time in University in December I will be creating a draft consent letter to send out to parents, I will send the draft letter over to the Head teacher of the school to check whether it is suitable to be sent out to the parents. At the bottom of the letter, I have created a section for the parents/guardians to complete and given an expected return date of 20th January 2020. (Please see Appendix i). Once I have received consent forms back, we will then decide on which participants we will be focusing on.

On the 3rd and 4th of February myself and two other student teachers will be carrying out the three lessons that have been planned and implement the use of lollipop sticks. During these lessons we will be undertaking a lesson study observation to collate our research. The lollipop sticks will be used to ask the children questions and gauge their understanding of what has been taught in the lesson. When I am teaching the class the other two student teachers will be observing the lesson using the Leuven scale to monitor children's involvement and wellbeing during the lesson. (Please see Appendix ii for the Leuven observation model)

Once these lessons have been taught an informal, semi-structured group interview will be carried out. (Please see Appendix iii for the interview questions). During the interview process, the children will have the opportunity to withdraw from the focus group with the use of green/red faces (Appendix V). If the children are happy to continue with the focus group their face will be showing the green side. Whereas, if they are unhappy and want to leave at any time then they can display the red face displaying that they are withdrawing their consent. As a research group we have created an observation schedule so that we know when we will each be teaching and when we will be undertaking the focus group interviews. (Appendix vi)
As a research group, we have created an interview script so know exactly what we will be explain to the participants of the focus group. (Appendix vii)

As a research group we will be collating the information from both the Leuven scale observations and the answers given in the interviews to assess the impact of the lollipop sticks from the child's perspective. We will be gathering information in separate files for each student, allowing us to create a summary for each child. Once this has been completed, we will use an assisted reflection conclusion sheet to reflect upon what we have carried out so far (Appendix iv). This will allow us to continue our professional development in ethically informed research.

(this box should expand as you type)

Location of research activity

Identify all locations where research activity will take place.

This research study took place in an English medium primary school situated in Rhondda Cynon Taff in South Wales. The Welsh Assembly Government (2018) states that the school currently has 152 pupils enrolled, with 25.1% of the children eligible for free school meals. The lesson study will take place within a mixed year 4/ 5 class where there are thirty-one children of mixed ability.

(this box should expand as you type)

Research activity outside of the UK

If research activity will take place overseas, you are responsible for ensuring that local ethical considerations are complied with and that the relevant permissions are sought. Specify any local guidelines (e.g. from local professional associations/learned societies/universities) that exist and whether these involve any ethical stipulations beyond those usual in the UK (provide details of any licenses or permissions required). Also specify whether there are any specific ethical issues raised by the local context in which the research activity is taking place, for example, particular cultural and/or legal sensitivities or vulnerabilities of participants.

(this box should expand as you type)

Use of documentation not in the public domain: Are any documents NOT publicly available?	NO	☒
	YES	☐
If Yes, please provide details here of how you will gain access to specific documentation that is not in the public domain and that this is in accordance with prevailing data protection law of the country in question and England and Wales. However information will be stored on One drive, with only ourselves, the school mentor, the head teacher and relevant university lecturers. <i>(this box should expand as you type)</i>		

SECTION F: Scope of Research Activity

Will the research activity include:	YES	NO
Use of a questionnaire or similar research instrument?	☐	☒
Use of interviews?	☒	☐
Use of diaries?	☐	☒
Participant observation with their knowledge?	☒	☐
Participant observation without their knowledge?	☐	☒
Use of video or audio recording?	☒	☐
Access to personal or confidential information without the participants' specific consent?	☐	☒
Administration of any questions, test stimuli, presentation that may be experienced as physically, mentally or emotionally harmful / offensive?	☐	☒
Performance of any acts which may cause embarrassment or affect self-esteem?	☐	☒
Investigation of participants involved in illegal activities?	☐	☒
Use of procedures that involve deception?	☐	☒
Administration of any substance, agent or placebo?	☐	☒
Working with live vertebrate animals?	☐	☒
Other primary data collection methods, please explain in this box For example, 'focus groups'. Please indicate the type of data collection method(s) in this box and tick the accompany box.	☒	☐
Details of any other primary data collection method: (this box should expand as you type)		

If NO to every question, then the research activity is (ethically) low risk and **may** be exempt from **some** of the following sections (please refer to Guidance Notes).

If YES to any question, then no research activity should be undertaken until full ethical approval has been obtained.

SECTION G: Intended Participants

Who are the intended participants:	YES	NO
Students or staff at the University?	☐	☒
Adults (over the age of 18 and competent to give consent)?	☐	☒
Vulnerable adults?	☐	☒
Children and Young People under the age of 18? (Consent from Parent, Carer or Guardian will be required)	☒	☐
Prisoners?	☐	☒
Young offenders?	☐	☒
Those who could be considered to have a particularly dependent relationship with the investigator or a gatekeeper?	☐	☒
People engaged in illegal activities?	☐	☒
Others (please identify specifically any group who may be unable to give consent) please indicate here and tick the appropriate box.	☐	☒
Other – please indicate here: (this box should expand as you type)		

Participant numbers and source	
Provide an estimate of the expected number of participants. How will you identify participants and how will they be recruited?	
How many participants are expected?	31 in the class, only focusing on 3 during each lesson study. (this box should expand as you type)
Who will the participants be?	We will have to wait for the consent forms to return to the school before making this decision. (this box should expand as you type)
How will you identify the participants?	We will use a code such as child A, child B and child C. (this box should expand as you type)

SECTION H: Anticipated Risks

Outline any anticipated risks that may adversely affect any of the participants, the researchers and/or the University, and the steps that will be taken to address them.

If you have completed a full risk assessment (for example as required by a laboratory, or external research collaborator) you may append that to this form.

Full risk assessment completed and appended?

Yes



No



Risks to participants

For example: emotional distress, financial disclosure, physical harm, transfer of personal data, sensitive organisational information

Risk to Participant:

How will you mitigate the Risk to Participant

Emotional distress/ Self-esteem

Let them know that they can leave at any time and do not have to answer any questions.

Data Protection

Ensure that personal information is stored on a secure, password protected One drive where only authorized personnel have access. Along with using coding to ensure anonymity of the children in accordance to the British Educational Research Association guidelines.

Safeguarding issues

If children are to disclose anything, then the schools safeguarding officer will be made aware as soon as suitable to do so. The safeguarding policy will be followed.

If research activity may include sensitive, embarrassing or upsetting topics (e.g. sexual activity, drug use) or issues likely to disclose information requiring further action (e.g. criminal activity), give details of the procedures to deal with these issues, including any support/advice (e.g. helpline numbers) to be offered to participants. Note that where applicable, consent procedures should make it clear that if something potentially or actually illegal is discovered in the course of a project, it may need to be disclosed to the proper authorities

(this box should expand as you type)

Risks to investigator

For example: personal safety, physical harm, emotional distress, risk of accusation of harm/impropriety, conflict of interest

Risk to Investigator:

How will you mitigate the Risk to Investigator:

Being alone with an individual under 18 years of age

There will always be another adult present

Responsibility for data protection

Ensure that we follow data protection guidelines in accordance of the general data protection regulation. Guarantying that personal information is stored on a secure, password protected One

Accusation of favouritism	drive where only authorized personnel have access.
Accusation of fabrication	We would choose participants who have brought their completed consent forms back at random
Possible bias in the recording due to the teachers relationship with the pupils	Audio recordings of children's answers to transcribe answers after the interview. All three student teachers will be teaching the same class for continuity.

University/institutional risks

For example: adverse publicity, financial loss, data protection

Risk to University:	
Not upholding the good name of the University	Always remain professional and respect the privacy and confidentiality of the pupils involved.
Falsifying any data which could impact the representation standards of the university	Use the voice recordings of the children to ensure their answers are recorded word for word. We will inform the head teacher of the school who has a signed consent form, therefore providing secondary evidence to prove the validity of the consent forms.
Behaving in a way that could impact the relationship between the school and university	We will refer to the universities code of conduct that we signed at the beginning of the course, to maintain high standard of professionalism.
<i>(this box should expand as you type)</i>	

Disclosure and Barring Service

If the research activity involves children or vulnerable adults, a Disclosure and Barring Service (DBS) certificate must be obtained before any contact with such participants.	YES	NO	N/A
Does your research require you to hold a current DBS Certificate?	☒	☐	☐

SECTION I: Feedback, Consent and Confidentiality

Feedback

What de-briefing and feedback will be provided to participants, how will this be done and when?

Interviews will be conducted after each lesson in a small room away from the main class. My self and two other student teachers will be undertaking the interviews together as a focus group. We have created an interview script as seen in Appendix vii. Answers to the questions will be voice recorded on a school iPad, with the audio clips stored on Web Dav where it can only be accessed with a password protected laptop.

(this box should expand as you type)

Informed consent

Describe the arrangements to inform potential participants, before providing consent, of what is involved in participating. Describe the arrangements for participants to provide full consent before data collection begins. If gaining consent in this way is inappropriate, explain how consent will be obtained and recorded in accordance with prevailing data protection legislation.

On the 6th of January myself and 2 other student teachers will have a discussion with the class about our research project where we will explain what we will be doing and how we will be doing it. We will also explain to the children that they will be observed during the lesson and some will be chosen to participate in an interview. This will only occur if a parent or guardian returns the consent form to the school.

If you are chosen to participate you will have use of a green and red face to display whether you are happy to continue to engage with the focus group or not.

(this box should expand as you type)

Confidentiality / Anonymity

Set out how anonymity of participants and confidentiality will be ensured in any outputs. If anonymity is not being offered, explain why this is the case.

We will use a pseudonym e.g. child A, Child B, child C to ensure confidentiality procedures are adhered to. There will be one document which states the identity of each child however, this will be stored in school on a password protected laptop.

(this box should expand as you type)

SECTION J: Data Protection and Storage

In completing this section refer to the University's Research Data Management Policy and the extensive resources on the University's Research Data Management web pages (<http://uwtsd.ac.uk/library/research-data-management/>).

Does the research activity involve personal data (as defined by the General Data Protection Regulation 2016 "GDPR" and the Data Protection Act 2018 "DPA")?	YES	NO
"Personal data" means any information relating to an identified or identifiable natural person ('data subject'). An identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that natural person.	☒	☐
If YES, provide a description of the data and explain why this data needs to be collected:		
The personal data that will be collected is the consent forms including the child and parents name and a pseudonym list with names so we as researchers know what child we are referencing.		
<i>(this box should expand as you type)</i>		
Does it involve special category data (as defined by the GDPR)?	YES	NO
"Special category data" means sensitive personal data consisting of information as to the data subjects' – (a) racial or ethnic origin, (b) political opinions, (c) religious beliefs or other beliefs of a similar nature, (d) membership of a trade union (within the meaning of the Trade Union and Labour Relations (Consolidation) Act 1992), (e) physical or mental health or condition, (f) sexual life, (g) genetics, (h) biometric data (as used for ID purposes),	☐	☒
If YES, provide a description of the special category data and explain why this data needs to be collected:		
<i>(this box should expand as you type)</i>		
Will the research activity involve storing personal data and/or special category data on one of the following:	YES	NO
Manual files (i.e. in paper form)?	☐	☒
University computers?	☐	☒
Private company computers?	☐	☒
Home or other personal computers?	☒	☐
Laptop computers/ CDs/ Portable disk-drives/ memory sticks?	☒	☐
"Cloud" storage or websites?	☒	☐
Other – specify:	☐	☒

For all stored data, explain the measures in place to ensure the security of the data collected, data confidentiality, including details of password protection, encryption, anonymisation and pseudonymisation:

A home laptop will not store any raw data however, will be used to complete the research project using coded results. A laptop within the school will be used to store the raw data of pseudonym to children's name's and of the voice recording from the interview.
Any coded data will be stored on a One Drive with password protection. Only the necessary people will have access to the file.

(this box should expand as you type)

All Data Storage

Will the research activity involve any of the following activities:	YES	NO
Electronic transfer of data in any form?	☒	☐
Sharing of data with others at the University?	☒	☐
Sharing of data with other organisations?	☐	☒
Export of data outside the European Union or importing of data from outside the UK?	☐	☒
Use of personal addresses, postcodes, faxes, emails or telephone numbers?	☐	☒
Publication of data that might allow identification of individuals?	☐	☒
Use of data management system?	☐	☒
Data archiving?	☐	☒

If YES to any question, please provide full details, explaining how this will be conducted in accordance with the GDPR and DPA (and/or any international equivalent):

With regards to electronic transfers all data will be stored on a one drive with only the necessary people having access. This will also be password protected.
Data will only be shared with the relevant lecturers.

(this box should expand as you type)

List all who will have access to the data generated by the research activity:

Student teacher- Shauna Lewis, Amy Williams, Sophie Richards
University- Lillian Martin, Catherine Morgan
School- Bethan Price, Olivia Daniels

(this box should expand as you type)

List who will have control of, and act as custodian(s) for, data generated by the research activity:

Student teacher- Shauna Lewis, Amy Williams, Sophie Richards

(this box should expand as you type)

Give details of data storage arrangements, including security measures in place to protect the data, where data will be stored, how long for, and in what form. Will data be archived – if so how and if not why not.

Raw data will be stored on a school laptop that will be password protected with only the relevant individuals having access to the information.
Coded information will be saved on a one drive only allowing access for the relevant individuals.

(this box should expand as you type)

Please indicate if your data will be stored in the UWTSD Research Data Repository (see <https://researchdata.uwtsd.ac.uk/>). If so please explain. *(Most relevant to academic staff)*

(this box should expand as you type)

Confirm that you have read the UWTSD guidance on data management (see <https://www.uwtsd.ac.uk/library/research-data-management/>)

YES

☒

NO

☐

Confirm that you are aware that you need to keep all data until after your research has completed or the end of your funding

YES

☒

NO

☐

SECTION K: Declaration

The information which I have provided is correct and complete to the best of my knowledge. I have attempted to identify any risks and issues related to the research activity and acknowledge my obligations and the rights of the participants.

In submitting this application I hereby confirm that I undertake to ensure that the above named research activity will meet the University's [Research Ethics and Integrity Code of Practice](#)

Signature of applicant:	S Lewis	Date: 16.12.19
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For STUDENT Submissions:

Director of Studies/Supervisor:	Catherine Morgan	Date:
Signature:		

For STAFF Submissions:

Head of School/Assistant Dean:		Date:
Signature:		

Checklist: Please complete the checklist below to ensure that you have completed the form according to the guidelines and attached any required documentation:

☒	I have read the guidance notes supplied before completing the form.
☒	I have completed ALL RELEVANT sections of the form in full.
☒	I confirm that the research activity has received approval in principle
☐	I have attached a copy of final/interim approval from external organisation (where appropriate)
☐	I have attached a full risk assessment (and have NOT completed Section H of this form) (where appropriate) ONLY TICK IF YOU HAVE ATTACHED A FULL RISK ASSESSMENT
☒	I understand that it is my responsibility to ensure that the above named research activity will meet the University's Research Ethics and Integrity Code of Practice.
☒	I understand that before commencing data collection all documents aimed at respondents (including information sheets, consent forms, questionnaires, interview schedules etc.) must be confirmed by the DoS/Supervisor, module tutor or Head of School.
☒	I have deleted the guidance notes before submitting the PG2 for consideration

RESEARCH STUDENTS AND STAFF ONLY

All communications relating to this application during its processing must be in writing and emailed to pgresearch@uwtsd.ac.uk , with the title 'Ethical Approval' followed by your name.

You will be informed of the outcome of your claim by email; therefore it is important that you check your University and personal email accounts regularly.

STUDENTS ON UNDERGRADUATE OR TAUGHT MASTERS PROGRAMMES should submit this form (and receive the outcome) via systems explained to you by the supervisor/module leader.

This form is available electronically from the Academic Office web pages:

<http://www.uwtsd.ac.uk/academic-office/>

Application Process

All staff research projects and all research students must submit the Ethical Approval Form to the **University Ethics Committee** via the Academic Office (pgresearch@uwtsd.ac.uk). Staff research directly in relation to personal study for taught undergraduate or Masters programmes should be submitted via the Faculty procedures explained below.

Taught masters and taught undergraduate research Ethical Approval Forms are considered **within Faculties**. Faculties will provide details of the specific processes for this. Where the Ethical issues within any single ethical application are of particular concern the Faculty will refer these to the University Ethics Committee. Any student activity that involves the collection of primary data needs to undergo Ethical approval, this includes assignment work as well as dissertations.



Appendix i

6th January 2020

Dear Parent/Guardian

As part of our studies at University of Wales Trinity Saint David, completing a postgraduate certificate in education (PGCE) we are required to undertake a research project. The research we are undertaking is based on the use of 'lollipop' sticks in a classroom to ask questions. Our project will be on how this method of assessment can be developed to gain the best gauge children's understanding of the lesson. This will include the children being taught 3 lessons by the student teachers, during these lessons children will be asked questions using the lollipop sticks. One stick at a time will be picked out of a pot and the child whose name is on the stick will be asked a question.

On completion of these lessons the children will undertake an informal interview where they will be asked whether they liked the lollipop sticks being used. We will discuss whether they would do anything differently or how they would prefer to be asked questions in future lessons.

If you are willing for your child to participate in the study please sign the consent form below and return to school by 20/1/20.

If you have any further queries do not hesitate to speak to one of us.

Many Thanks,
Miss Williams, Miss Lewis and Miss Richards

Consent for research project

Name of Child _____ Class _____

(Please circle as appropriate)

I [give / do not give] consent for the child above to participate in this research project including taking part in the informal interview.

Parent/guardian name (print) _____ Signature _____

Appendix ii

Two minute Leuven Scale Observation

Date:		Time:	
What is being observed? What is the child doing?			
Child being observed	Wellbeing (circle appropriate level)	Involvement (circle appropriate level)	
	    	    	
	    	    	
	    	    	

Key									
	Extremely low		Low		Average		High		Extremely High

Interview 1

1. What did you enjoy about the lesson?
2. Was there anything you didn't like about the lesson?
3. How does your teacher normally ask questions and how do you answer?

Explain that we used lollipop sticks in the lesson.

4. Once we picked a name out of the pot we put the name back in meaning that this person can be chosen to answer a question again. Do you think this is fair?
5. How did this make you feel?

Interview 2

6. What did you enjoy about the lesson?
7. Was there anything you didn't like about the lesson?
8. Do you like the lollipop sticks being used in the lesson?
9. How do you feel knowing your name can be picked at any time?
10. Once we picked a name out of the pot we put the name on the desk meaning that this person cannot be chosen to answer a question again. Do you think this is fair?

Interview 3

1. What did you enjoy about the lesson?
2. Was there anything you didn't like about the lesson?
3. Do you still feel the same about the teacher using lollipop sticks?
4. Suggest any other way that the teacher can ask questions

Model Beirniad Wedi Adfyfyrio (BWA) *Assisted Reflective Conclusions (ARC) Model*

Appendix iv

Dyddiad/Date:

Digwyddiad critigol (Ffocws)/Critical incident (focus):

Profiad/ Experience	
Teimladau/ Feelings Beth yw eich teimladau ynghylch y profiad? <i>"What are your feelings regarding the experience?"</i>	
Cofio a Deall/ Remember and Understand Allwch chi restru'r agweddau ar y profiad dysgu a aeth yn dda? <i>"Can you list the aspects of the learning experience that went well?"</i> Pa elfennau o'r profiad dysgi oedd yn siomedig? <i>"What were the elements of the learning experience that were disappointing?"</i>	
Gwerthuso a dadansoddi/ Evaluate and analyse Beth fyddwch chi'n cadw'r un fath i sicrhau dysgu ac addysgu effeithiol yn y dyfodol? <i>"What will you keep the same to ensure effective teaching and learning in the future?"</i> Beth oedd achos yr elfen siomedig bwysicaf? <i>"What was the cause of the most important disappointing element?"</i>	
Casgliadau a chymau gweithredu/ Conclusions and actions Beth yw eich atebion posibl i'r materiaon siomedig a nodwyd? <i>"What are your possible solutions to the disappointing issues identified?"</i> Beth ydych yn mynd i'w wneud nesaf? <i>"What will you do next?"</i>	
Y profiad newydd / Transformed experience	



Appendix Vi

Observation Year 4/5

Timetable for observations

	Observation 1	Observation 2	Observation 3
Teaching	Sophie	Amy	Shauna
Observing	Amy	Shauna	Sophie
Observing	Shauna	Sophie	Amy

Timetable Schedule

Date:	3 rd February 2020	3 rd February 2020	4 th February 2020
Day:	Monday Morning (session 1)	Monday Afternoon (session 3)	Tuesday Morning (session 1)
Observation:	Observation 1	Observation 2	Observation 3

Interview Schedule (Group interviews)

Date:	3 rd February 2020	3 rd February 2020	4 th February 2020
Day:	Monday Morning (session 2)	Monday Afternoon (session 4)	Tuesday Morning (session 2)
Interview:	Interview 1	Interview 2	Interview 3

Appendix vii

Interview script

Based on the lesson we have just taught you we would like to ask you some questions. You do not need to answer the questions if you do not want to and can leave the room at any time and we will stop the interview. There is a green face and a red face in front of you. If you want us to ask you the questions the face needs to be green. If you do not want us to ask you the questions and want to leave you need to show us the red face. There is a letter placed in front of you which we will use instead of your name.

If you do not answer a question or leave the interview you will not be treated any differently from the other children in future lessons.

The interview will be voice recorded to protect you and us. Your name will not be used so no one knows who you are we will use the letter in front of you.

Child A do you agree to us asking you some questions?

Child B do you agree to us asking you some questions?

Child C do you agree to us asking you some questions?

Thank you for answering our questions. Would you like to listen to the voice recording so you can hear what you said?

Are you happy with the answers that you provided?

We will now listen to the voice recording and write the answers down, we will not use your names.