



INFORMED CONSENT AND PARENT PERMISSION FOR CHILD TO PARTICIPATE
Drumball: Investigating children's early literacy skills through digital drum talk

Key Information

- Your child is being invited to participate in a research study. Participation in research is completely voluntary.
- The purpose of our research is explore the implications of rhythmic communication technologies as learning tools that provide multimodal feedback that children can manipulate through hand-drumming (letters, words, phrases). The study will take a total of four 60-mins workshop sessions and your child will be asked to compose his/her own drum poetry performance using the *Drumball*.
- You will be asked to fill out an entry/exit questionnaire about the socioemotional impact
- There are no direct benefits for participants, and we are conducting this research to determine if there may be some benefit

Introduction and Purpose

My name is Pierre Tcheten. I am a PhD candidate in the Graduate School of Education at the University of California, Berkeley. I am working with my faculty advisor, Professor Mahiri in Department of Literacy, Language and Culture. We are conducting a research study, which we invite your child to take part in.

The purpose of our study is to understand the implications of rhythmic communication technologies as learning tools for early literacy that provide multimodal feedback that children can manipulate through hand-drumming (letters, words, phrases). We want to gain useful feedback on whether children can learn a digital drum language grammar and what the teaching and learning applications would look like.

Procedures

Pre-workshop

Sign and submit the informed consent/parent permission form.

You will be asked to complete a questionnaire involving a skills inventory of your child's multi- literacies: https://berkeley.qualtrics.com/jfe/form/SV_3rQYJbO7Xso [Upg1](#) (15 minutes - online)

You will be asked to schedule a phone interview to be conducted at any point during the research period. Questions will focus on the early literacy experiences, schooling, interests and abilities of your child. We'll go over more information about the study and I will answer any questions you have about the study. (30 minutes over the phone) – Doodle sign-up link: <https://doodle.com/poll/tw9xzcprpp5a8h6>

Workshop

During the first workshop, we will take an initial snapshot of your child's ability to name pictures and recognize alphabet letters as a measure of his/her literacy level before participating in the sessions.

Your child will be asked to attend **all four sessions**. Topics and activities for each session include the following:

- Letters: playing drum circle games spelling your names on the drums and practicing drumming out the letters of the alphabet using the *alphariddims* cards. You will also be asked to create a profile on the *Urban Griot* platform.
- Names: playing drum circle games tapping out word syllables and composing personal drum names (appellations, 3-5 words phrase) that will serve as a greeting for your child's avatar on the *Urban Griot* platform.
- Stories: creating praise poems that represent important aspects of who you are (family background, culture, history, significant places and people). Combine voice, rhythm and movement to create a group stage play.
- Performance: working collaboratively with others to showcase your stories as a performance.

Post-workshop

At the end of the last workshop, you will be asked to take part in a brief focus group with the other families. This is done in a semi-structured interview format to better understand qualitatively the nature of your and your child's experiences with the workshop (tool, platform, corpus). This share-out is part of the regular workshop time and requires no additional time commitment from you. We will conclude by taking a second snapshot of your child's ability on letter/picture name while you complete the exit questionnaire about the qualitative feeling (10 minutes)

Study time: The estimated time commitment for this study is 5 hours.

Study location: All study procedures will take place at TBD

Benefits: There are no direct benefits to you or your child for participating in this research study.

Risks/Discomforts

- Participating in research always includes some risks. Though we are taking every precaution to keep these risks minimal, there still exists the risk of discomfort due to subject matter and the risk of a breach in confidentiality. Participants are free to decline to answer any questions they don't wish to, or to stop participating at any time.
- Your child might get bored or tired and decide that he or she does not want to complete the study activities. If so, your child can just tell us that he or she wishes to stop.
- *Breach of Confidentiality:* A possible risk for any research is that confidentiality could be compromised, that is, people outside the study might get hold of confidential study information. We will do everything we can to minimize this risk.

Confidentiality

Your study data will be handled as confidentially as possible. If results of this study are published or presented, individual names will not be used.

To minimize the risks to confidentiality, we will encrypt all data before storing it or transmitting it over the Internet. However, we cannot guarantee the complete confidentiality of data transmitted over the Internet.

The *Urban Griot* website has the following data security features to keep your data secure:

- Application security testing to meet Protection Level 1 security standards
Development and testing environments use de-identified data and full disk encryption
- Secure coding practices: input validation; output encoding; authentication and password management; session management; access control; error handling and logging; data protection; database security;

When the research is completed, I may save the study records for use in future research done by myself or others. I will retain this study information for up to 3 years after the study is over. The same measures described above will be taken to protect confidentiality of this study data.

Sensitive/reportable research information:

- We will keep your study data as confidential as possible, with the exception of certain information that we must report for legal or ethical reasons, such as child abuse, elder abuse, or intent to hurt yourself or others.
- If we publish or present results of this study, we will not use individual names or other personally identifiable information. Any audio/video data collected will be cropped or edited to help protect your identity.

Media Records Release

As part of this project we will make audio, and/or video recordings of you while you participate in the research. Please read and sign the attached Media Records Release form indicating how your and your child's recorded data may be used. Some audio/video records from the workshops sessions and activity data logs from your and your child's usage of the platform may need to be retained. We will only keep data that you have signed permission for us to use.

The types of data that may be retained at perpetuity to inform follow-up studies include: your child's first and final performance videos, transcripts of entry/exit interviews and share-out discussions (focus groups), pre-/post-test scores, survey results and any multimodal artifact produced on the platform (e.g. digital drum texts, messages, poems, storyboards).

Compensation/Payment

You/Your child will not be paid for participating in this study

Rights

Participation in research is completely voluntary. You have the right to end your, and/or your child's, participation in this research study at any time without penalty. Nothing bad will happen if you decide to stop participating.

Questions

You and your child may ask questions about this study at any time, now or later. Questions about this research may be addressed to Professor Jabari Mahiri (jmahiri@berkeley.edu), 510-541- 4349, University of California at Berkeley Graduate School of Education, or to Pierre Tchetchen, 415-619-9243 (akwerius@berkeley.edu).

If you have any questions or concerns about your child's rights and treatment as a research participant, you may contact OPHS, the office of UC Berkeley's Committee for the Protection of Human Subjects, at 510-642-7461 or subjects@berkeley.edu.

By signing this form, you are consenting to participate in the study described above AND providing permission for your child to participate as well.

PARENT CONSENT

Please print, sign and return. You will be given a photocopy of this consent form to keep. If you wish to participate in this study, please sign and date below.

Participant's Name *(please print)*

Date

Participant's Signature

Date

PARENT PERMISSION

If you decide that your child may participate in this study, *please sign and date below.*

*Child Participant Name *(please print)*

Relationship to child

Date

Person Obtaining Consent
