CAL ScratchJr Edition Privacy Policy

The CAL ScratchJr App
The CAL ScratchJr edition has been created for the Coding as Another Language research program and will **not** be available to the public. The CAL version of the app will be distributed directly to elementary schools who are participating in the Coding as Another Language (CAL) research project with DevTech Research Group at Tufts University.

The *Coding as Another Language: The Development and Implementation of a Computational Thinking Curriculum and Sustainable Professional Development Model in K-2* research project is supported by a U.S. Department of Education grant and aims to develop a K-2 CS curriculum, called "Coding as Another Language" (CAL), that integrates math and literacy while engaging children in learning to code with ScratchJr and unplugged activities to promote computational thinking. The grant also seeks high fidelity implementation of this curriculum in schools resulting in statistically significant improvement in student learning outcomes and teacher's pedagogical and content knowledge. The analytics from the CAL ScratchJr app is a vital tool measuring how students use the app as well as teacher fidelity of implementation of the curriculum.

All aspects of this CAL research, including the collection of analytic data, have been reviewed and approved by the Tufts University Social, Behavioral, & Educational Research (SBER) Institutional Research Board (IRB).

To reiterate, the CAL ScratchJr edition will be privately and directly distributed only to users/onto devices in classrooms in elementary schools that are participating in the CAL grant research. The app will be distributed to teachers in schools who have consented to participate in this research project. Parents/Guardians of the children who are in the participating classrooms are informed in consent forms about the research project, including the collection of group level analytic data which cannot identify data from any specific user.

The CAL ScratchJr app will be used in the US only.

Data Collected by the CAL ScratchJr App:
- The CAL ScratchJr app does not collect any information that can personally identify a user. Individual teacher or individual student/child level data cannot be collected by this app.
- The app does collect information that the DevTech researchers can use to identify a particular teacher's classroom that is part of the research study. This group-level aggregated data will be used in the data analyses.
- The app collects type of device, session duration, and features accessed in the app.
- In using the app, a teacher or student might take a picture or record their voice to include in content they are creating. This content is stored locally on the device and is **not** collected in any way by the app.

How Data is Processed and Used:
- Aggregated data will be used to understand the app's most used features such as new characters, new backgrounds, block types (i.e., motion blocks, show blocks, triggering blocks, looks blocks, sound blocks, control blocks and end blocks), text, camera, paint editor, etc.

- This aggregated data will help researchers understand how ScratchJr is used by K-2 children. This aggregated data will also be used to look at fidelity of implementation of the CAL curriculum.

Data Shared with Others:
- The CAL ScratchJr app uses a third party service, Google analytics, to collect information about the users' use of the app.
- The app does not sell any information to third parties
- The app does not include any advertising
- The data will be only be used for the Coding as Another Language research project.
- All data files related to the CAL research project, including aggregated data from the CAL ScratchJr app, will be tightly restricted to only those project staff who are specifically authorized to view the data. Project staff includes research team members from DevTech Research Group, and the US Department of Education who has funded this research.

Data Retention:
Aggregated data from the CAL ScratchJr app will be stored during the period of the research grant, using requirements of Tufts University Social, Behavioral & Educational Research Institutional Review Board (SBER IRB) and guidelines of publications where the research may be published.

Contact Us:
If you have questions regarding the CAL app privacy policy, please contact Dr. Marina Bers. Eliot Pearson Dept. of Child Study & Human Development, 105 College Ave. Tufts University, Medford, MA 02155. Marina.Bers@tufts.edu, (617) 627-4490.

Updated Date: Aug 10, 2021