Participant Information Sheet (for parents/guardian) who will do the co-reading with their child.

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
This research obtained the Lancaster University ethics approval FSTREC ref: FST19119

Project Title: **Spring-a-story Lancashire**

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About the research
The main focus of *Spring-a-story Lancashire* is to empower children to be more independent in reading through the introduction of e-book co-reading. *Spring-a-story Lancashire* aims to identify an approach to integrate the e-reading into families' actual practices with the purpose of stimulating children's independent reading and the development of pre-reading skills.

What does the study involve?
Spring-a-story is a web-based application that can be accessed using computers, tablets and mobile devices in order to create an audio story based on a digital wordless picture book stimulated by prompts. The app aims to support children to create an audio story by getting stimulated through the images of a book and audio prompts. You don't need to download the app neither any data will be stored or downloaded on your personal device. You have to ensure you have an internet connection to access the application, then click on the link provided to start using it.
When opening the link, you will be asked to complete an online consent form and a series of questions to create a user ID for your child and to find out your normal media usage at home. This will ensure for you and your child's anonymity throughout the study and to find out some basic information. All required questions will be marked with an asterisk symbol (*). To sign the consent form, please type your name and if you decide to be part of the study you need to tick all the boxes.
Once this is complete, you will need to allow microphone permissions for your child's stories to be recorded. The recording will begin once a book is selected till the end of the book.

Your child is required to tell a story, based on the pictures they see in the book. On each page there will be some question prompts to help them tell a story. There will also be orange circles where the child can tap on, these will have additional question prompts. If the page has no orange circles this means that there are no more question prompts and the child may turn over to the next page.
Your role is to facilitate the reading activity and the creation of the story, by helping the child when required as you would do when reading a book. This activity should last 15-20 minutes.
Once the book comes to its end a questionnaire will appear asking questions regarding you and your child's experience. You will be also able to listen back the recording to ensure you are happy the story to be submitted to be a part of the research. These audio recordings will be used to analyse the interaction of the child with the application in order to improve it.
You can withdraw from the study by closing the web app window or within two months of the recording email e.rubegni@lancaster.ac.uk with the user ID, time and date of the recording.

If you have any further issues or questions you may get in touch by emailing e.rubegni@lancaster.ac.uk .

About the team
Elisa Rubegni is a lecturer in the School of Computing and Communication, Lancaster University. She is an expert in child-computer interaction, and she conducted projects with and for children since 2009.

Ling Kan is a research assistant at Lancaster University. She has participated in other studies about designing technology for children. She developed the web app and will analyse the data.

Why have you been approached?
You have been approached as your child attends a school, in the area of Lancaster and Morecambe, that agreed to be part of this study. Your participation is entirely voluntary, and you can decide if you want to be part of this study. If you wish to take part of the study, we ask that you sign the consent form that is coming following.

What will happen to the results of the project?
Findings of the project will be published at academic venues such as conferences and journals and disseminated to relevant policymakers.

Confidentiality.
All the data collected will be treated with confidentiality and any information provided by you will remain anonymous. Your child's personal data will not be shared with anyone outside the research team. Your and your child's data will not be associated directly with your and your child's name or other personal data. When we publish the results, the anonymity of your child will be guaranteed. You can ask to withdraw you and your child's data by closing the app while you are using it or after two months from their collection, by emailing to e.rubegni@lancaster.ac.uk with the user ID.

We will treat data that you have provided in accordance with the Data Protection Act 2018 (GDPR). All the any personal information stored in physical format (paper) will be stored in a locked filing cabinet in a locked office in Lancaster University premises and digital data will be kept in separate encrypted and password protected files stored in Lancaster University OneDrive with restricted access. The web app is stored on the Lancaster University secure server.
We will keep all data for up to 10 years after the data has been collected; after that, the data will be destroyed. 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

Issues or complaints.

If you have any concern about this study, please contact: Prof. Nick Race, Director of Research, School of Computing and Communications, InfoLab21, Lancaster University, email: n.race@lancaster.ac.uk