Empowering Educators to Create Customized, Culturally Responsive Instructional Materials from Scratch Encore Harmonized with the Interest of Students

PROJECT TEAM

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INTRODUCTION

Scratch Encore is an intermediate Scratch curriculum organized into 15 modules, of 2–3 lessons each, to be completed across multiple school years.

The curriculum provides **three theme choices for every structured project** so teachers can choose the project they think their students will enjoy and identify with the most.

Conjuror is an interactive generative AI tool that can be used to create customized Scratch projects and student-facing materials.
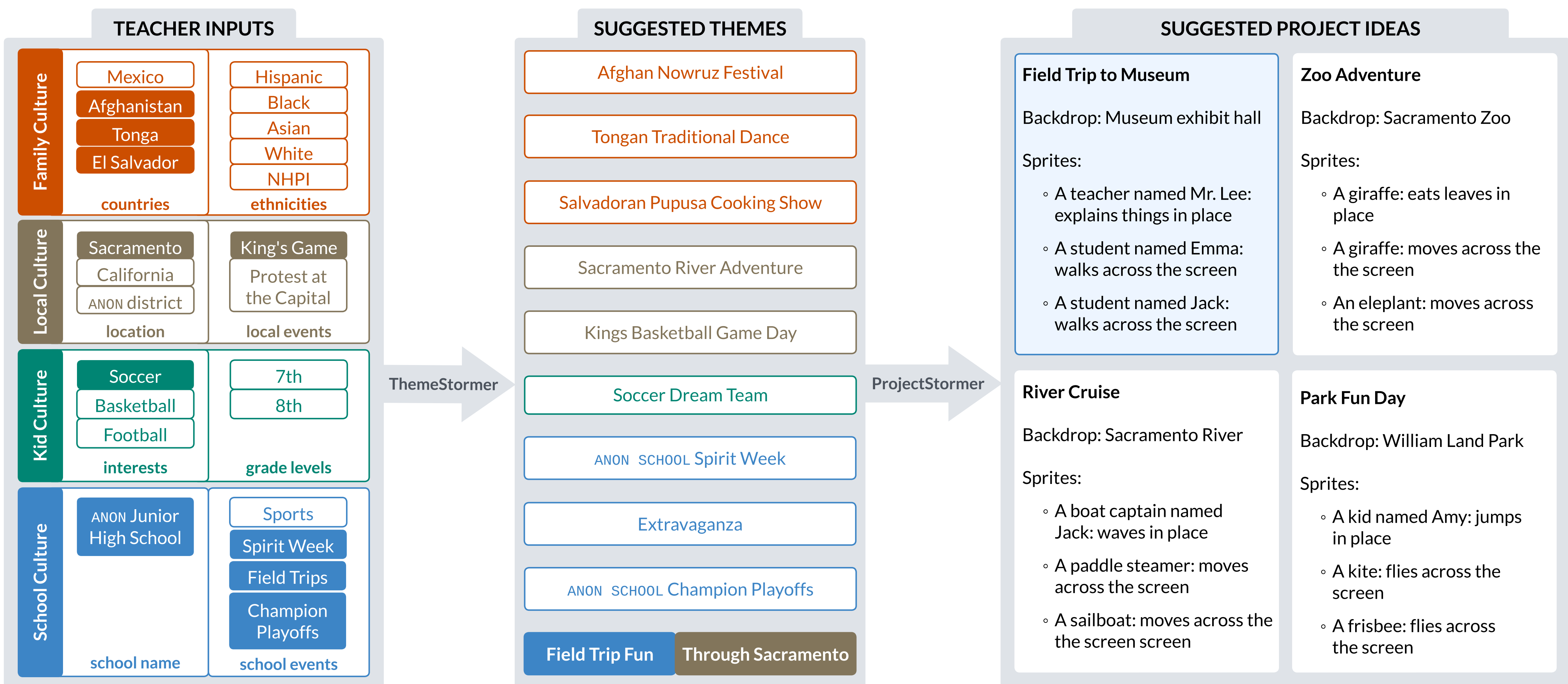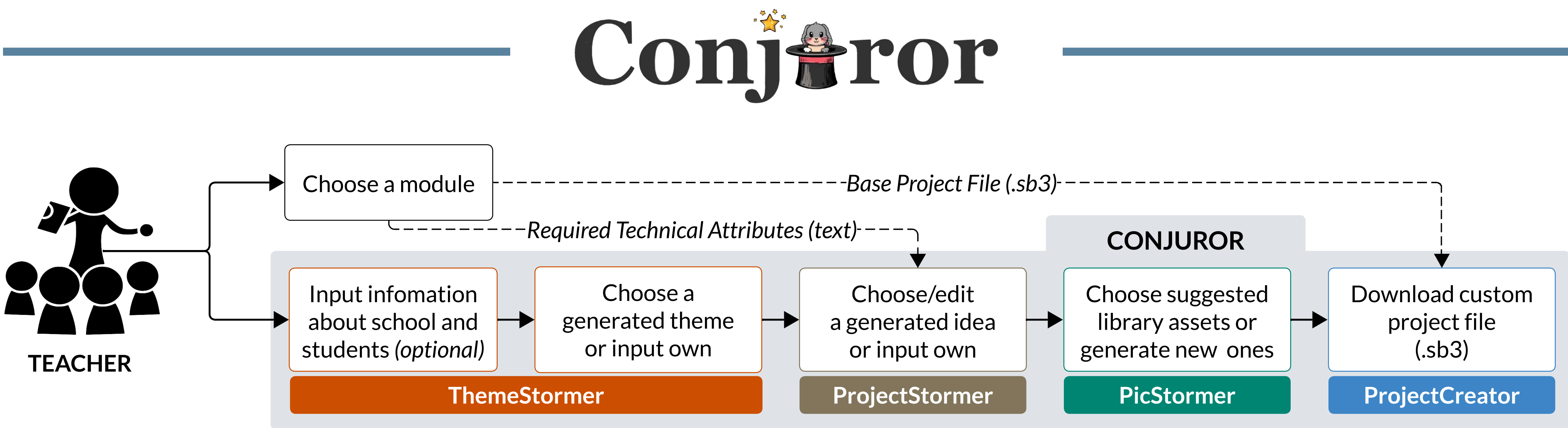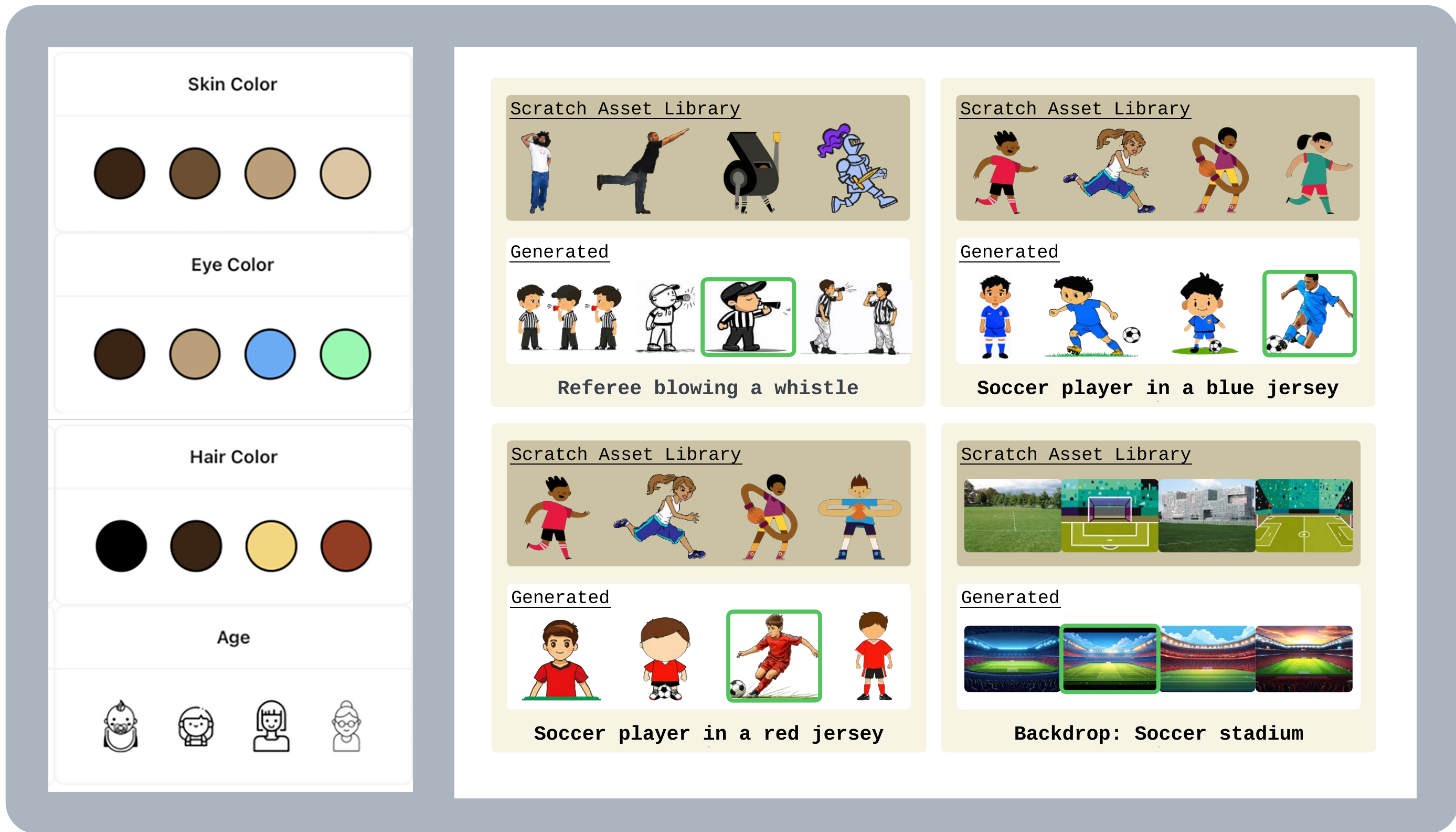
The Harmonizing Scratch Encore Project

This project aims to provide professional learning for teachers to develop their own Scratch Encore modules, **customized for their students**, that draw on the **prior knowledge and cultural resources** present in their classrooms.

Conjuror

Teachers always have the option to type in their own ideas or edit the suggested ideas.

Examples of generated assets

CUSTOMIZING SCRATCH PROJECTS STUDY

WHO

Any 4th–8th grade teachers who teach Scratch coding. Districts must allow you to use Scratch in your classroom and participate in research.

WHAT

Learn how to use Conjuror to:

- Integrate CS with Social Studies, Science, or ELA
- Customize school, community, or student interests
- Co-create with your students

COMPENSATION

$1500 for completing PD + research study

STUDY REQUIREMENTS

- Attend 5-Day PD for new Scratch Encore teachers, 2-Day PD for experienced SE teachers
- Customize and share the materials for 2 projects
- Teach a customized project
- Interview after PD and after the customized project is taught
- Provide links to public Scratch classroom

Visit this website to submit an application or to learn more about the study.

https://www.canonlab.org/conjuror-study