Building a Scratch 3 Game Development Toolkit

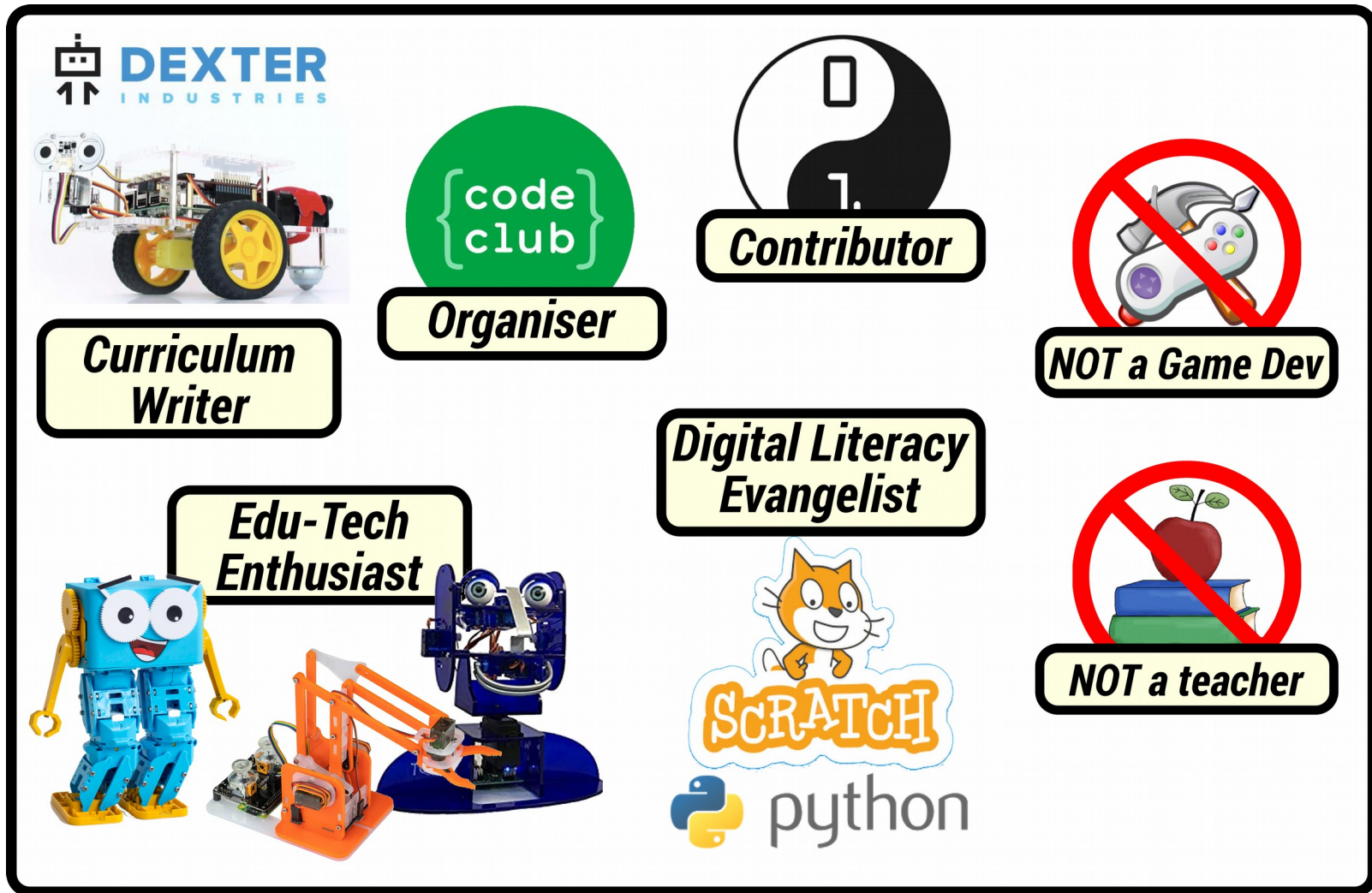*Laurence Molloy*

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Scratch Conference Europe

23-25 August 2019

Who *(...am I?)*

DEXTER INDUSTRIES

code club

Curriculum Writer

Organiser

Contributor

NOT a Game Dev

Edu-Tech Enthusiast

Digital Literacy Evangelist

SCRATCH

python

NOT a teacher

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What *(...is ScraGLE?)*
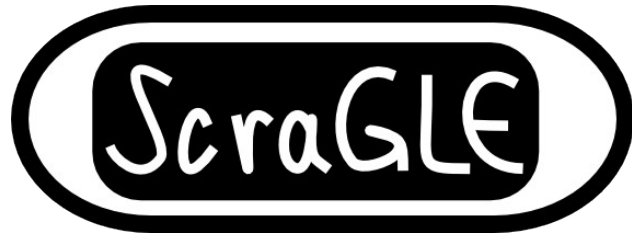
ScraGLE

Scratch

Game

Library for

Educators

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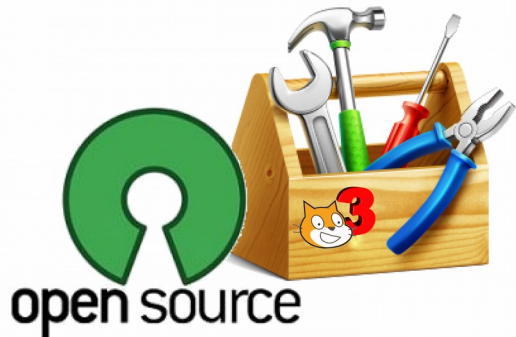
What *(…is ScraGLE?)*

Scratch 3 Game Development Toolkit

Demo Code

Supporting Documentation

Curriculum

Game-Ready Assets
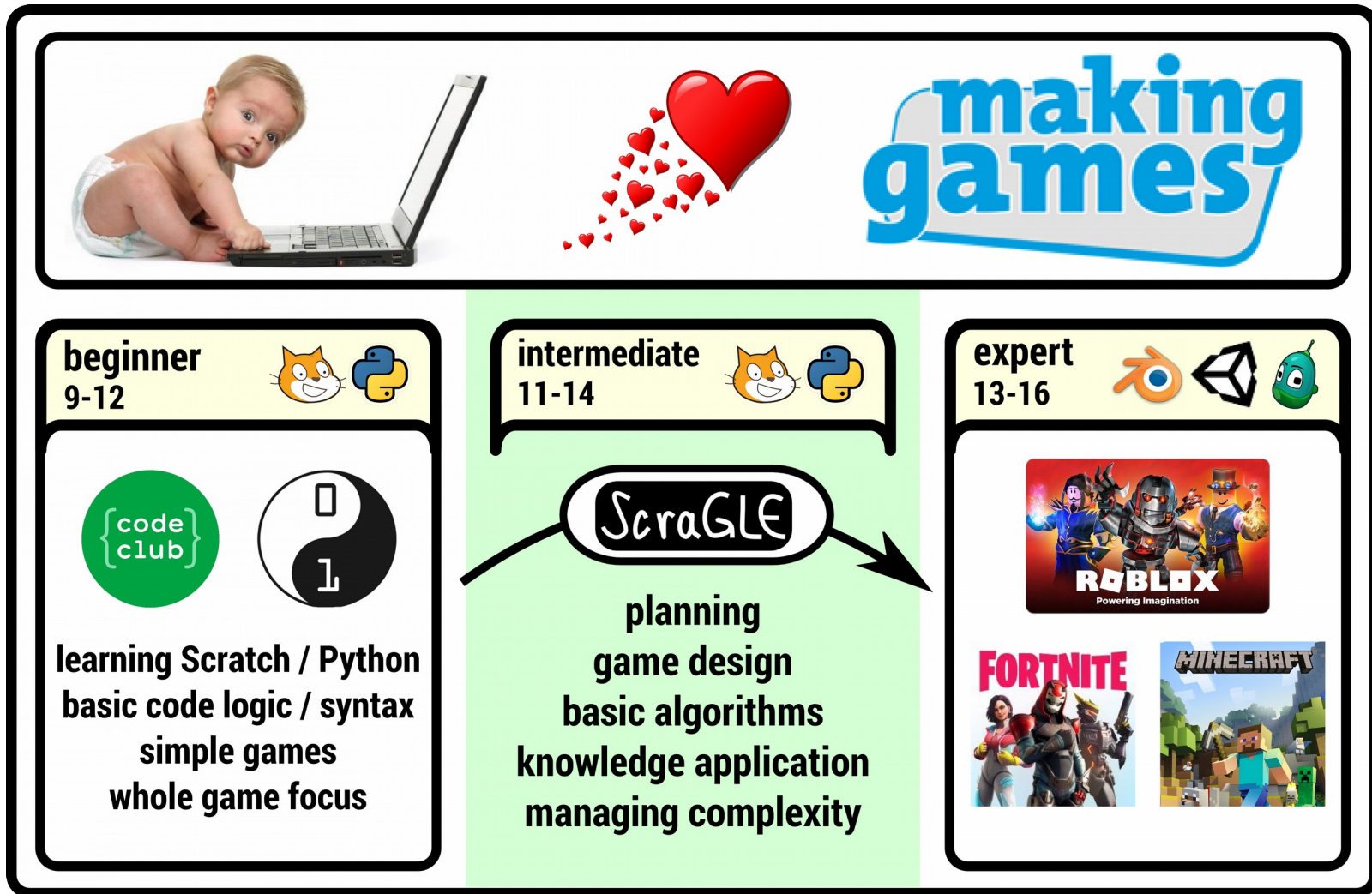
Fully Playable Example Game

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Why *(...is ScraGLE needed?)*

beginner
9-12

learning Scratch / Python
basic code logic / syntax
simple games
whole game focus

intermediate
11-14

ScraGLE

planning
game design
basic algorithms
knowledge application
managing complexity

expert
13-16

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Where *(...will ScraGLE be used?)*

Code Clubs

Coder Dojos

Raspberry Jams

Schools

Kids' Game Jams

Home Use

PyWEEK
Python Game Programming Challenge

SCHOOL

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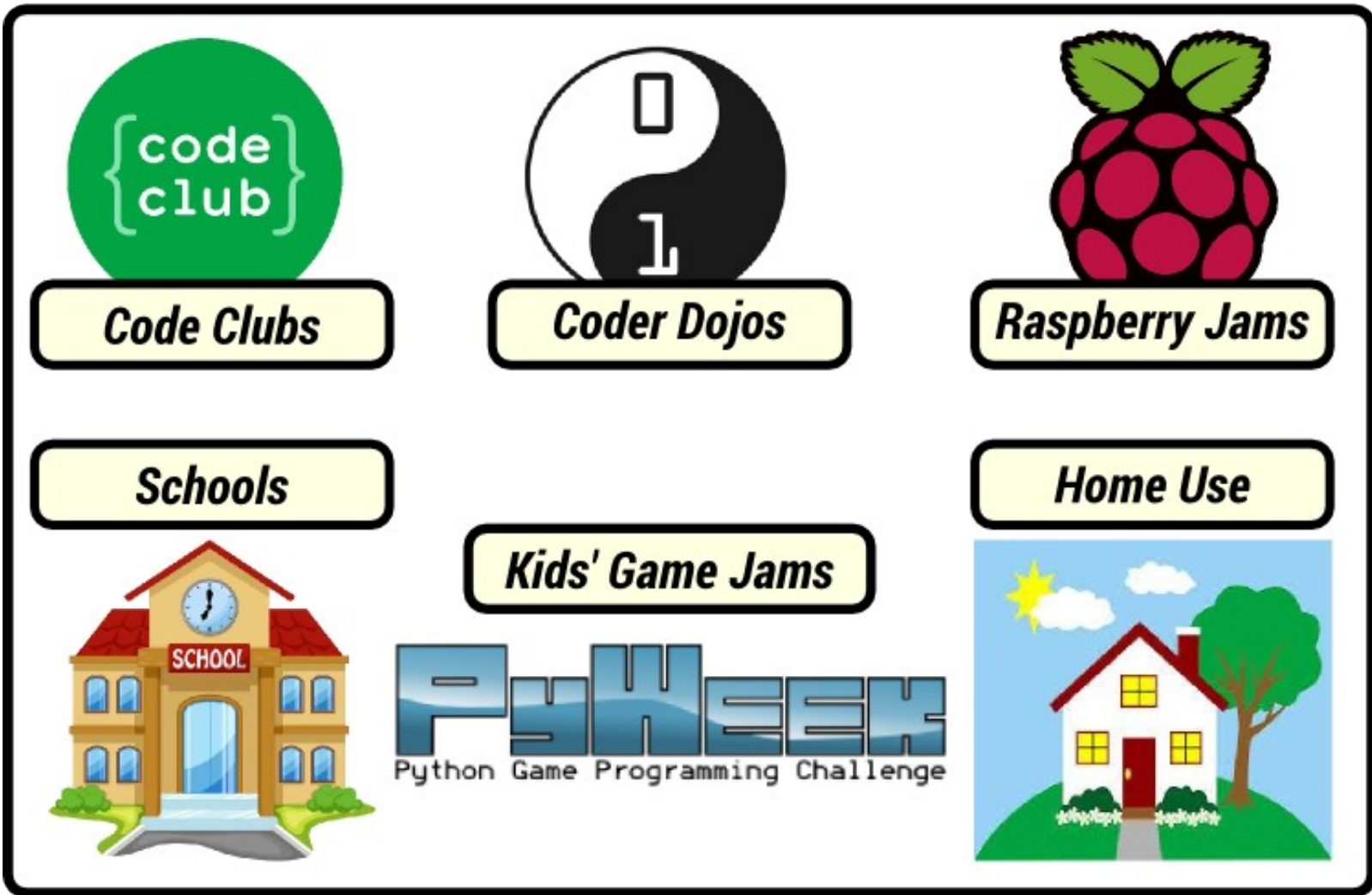
When *(...will ScraGLE be released?)*

* licks finger, sticks it in the air *

Sep 2019   Dec 2019   Jun 2020   Dec 2020

2019 | 2020

Project kick-off

**Founding principles
Contributing rules
Code of conduct**

Tooling & workflow

V1.0 project plan

Beta release

**Storyboard for
Example game**

Release 1.0

**Demo code
Documentation
Game assets
Curriculum
Example game**

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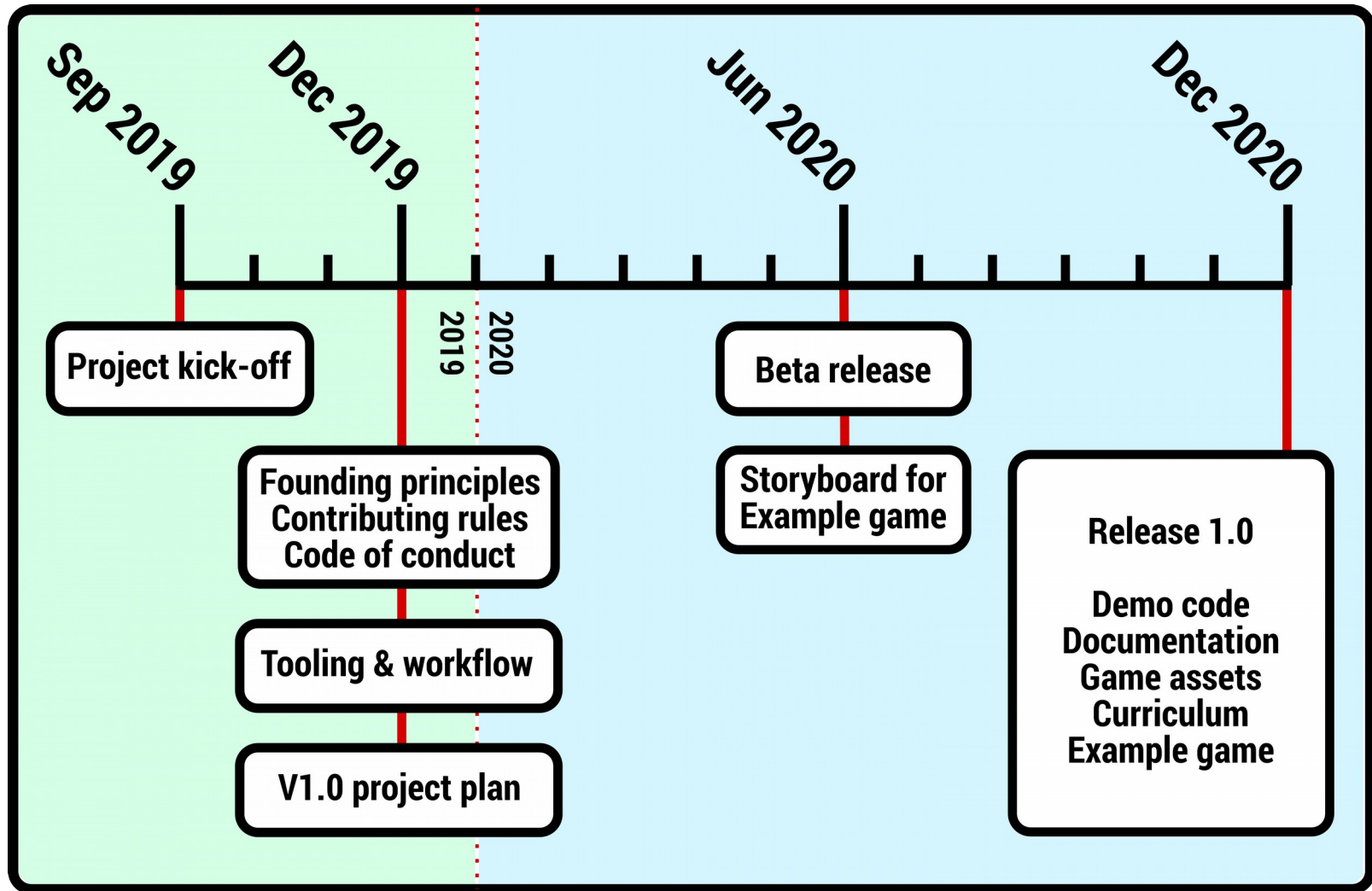
How *(...can I get involved?)*

Just get in touch. ScraGLE is **OPEN SOURCE**. Everybody welcome.

We need a team of contributors...

Project Manager	Scratch 3 Developers	Digital Artists & Musicians	Curriculum Writers	Game Designers

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