

MULTIMEDIA TUTORIALS

for Karkhana Innovator's Club

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PROMPT

Create a **self-directed** learning environment for students.

Allow students take **responsibility** of their own learning.

Prepare support materials for students to learn how to use kits
independently.

QUESTIONS

What is the best **medium of instructions** (blogs, videos, etc.) for students?

How do we provide middle school students **engaging and student-centered** instructions?

VIDEO TUTORIAL (AND WHY IT DIDN'T WORK)

Video tutorials are everywhere

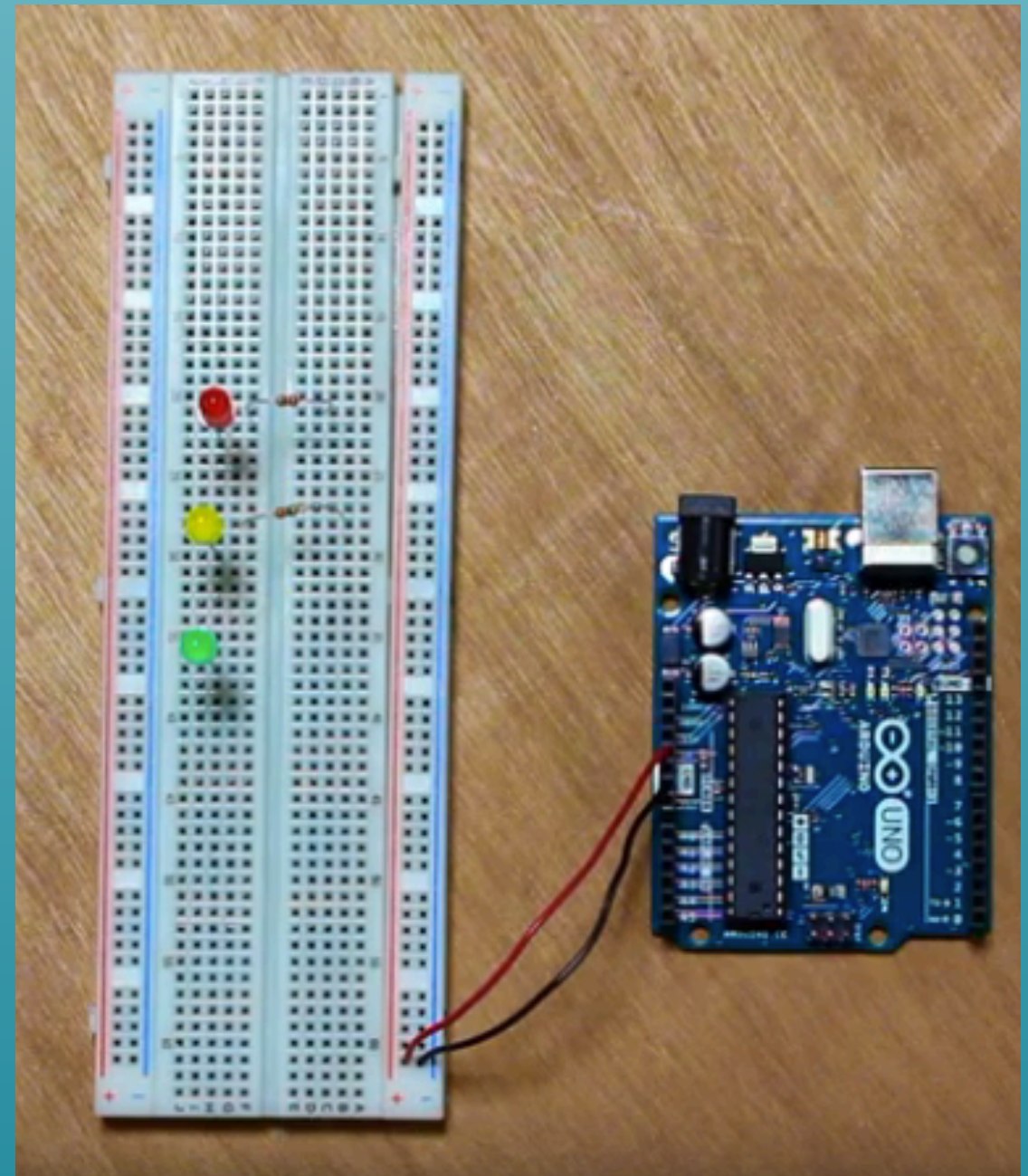
Didn't really bring in anything revolutionary

No interaction

Student would watch and then work on the project

No branching

Tutorial provided only one solution in the video



TWINE TUTORIAL

(AND WHY IT DIDN'T WORK)

riding his motorbike to Karkhana
ot to a crossroad with no policeman
. Turns out the policeman had got
area had become one big traffic ja
d we make sure that vehicles can d
again?

traffic light
of momos
a policeman

Not enough flexibility

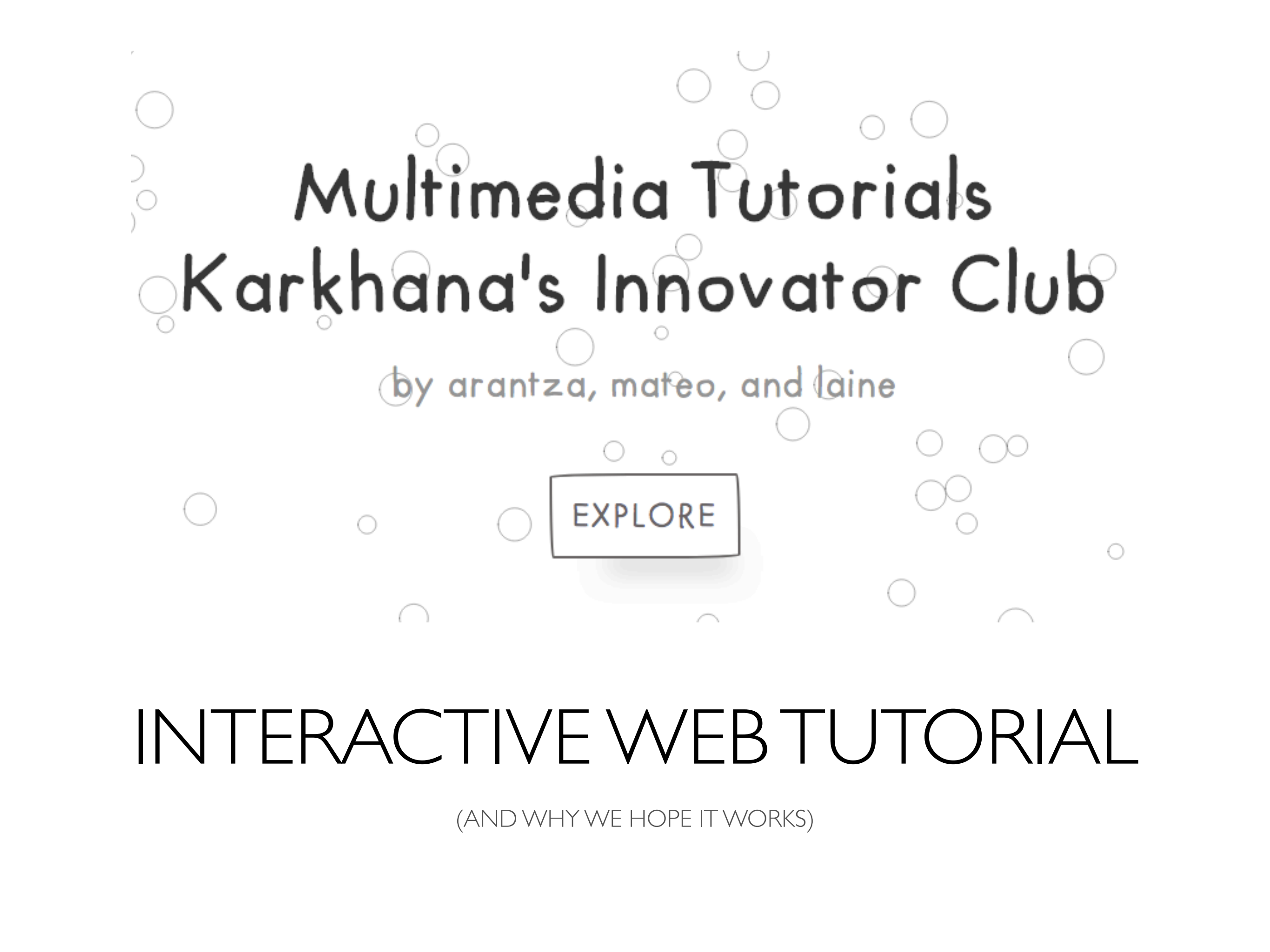
We had to work within the scope of Twine

Too much text

Little opportunity for images and videos

Too much branching

Endless possibilities and no constraints

The background is white with numerous faint, thin-lined circles of varying sizes scattered across it. In the center, there is a rectangular button with a thin black border and a light gray shadow, containing the word 'EXPLORE' in a dark, sans-serif font.

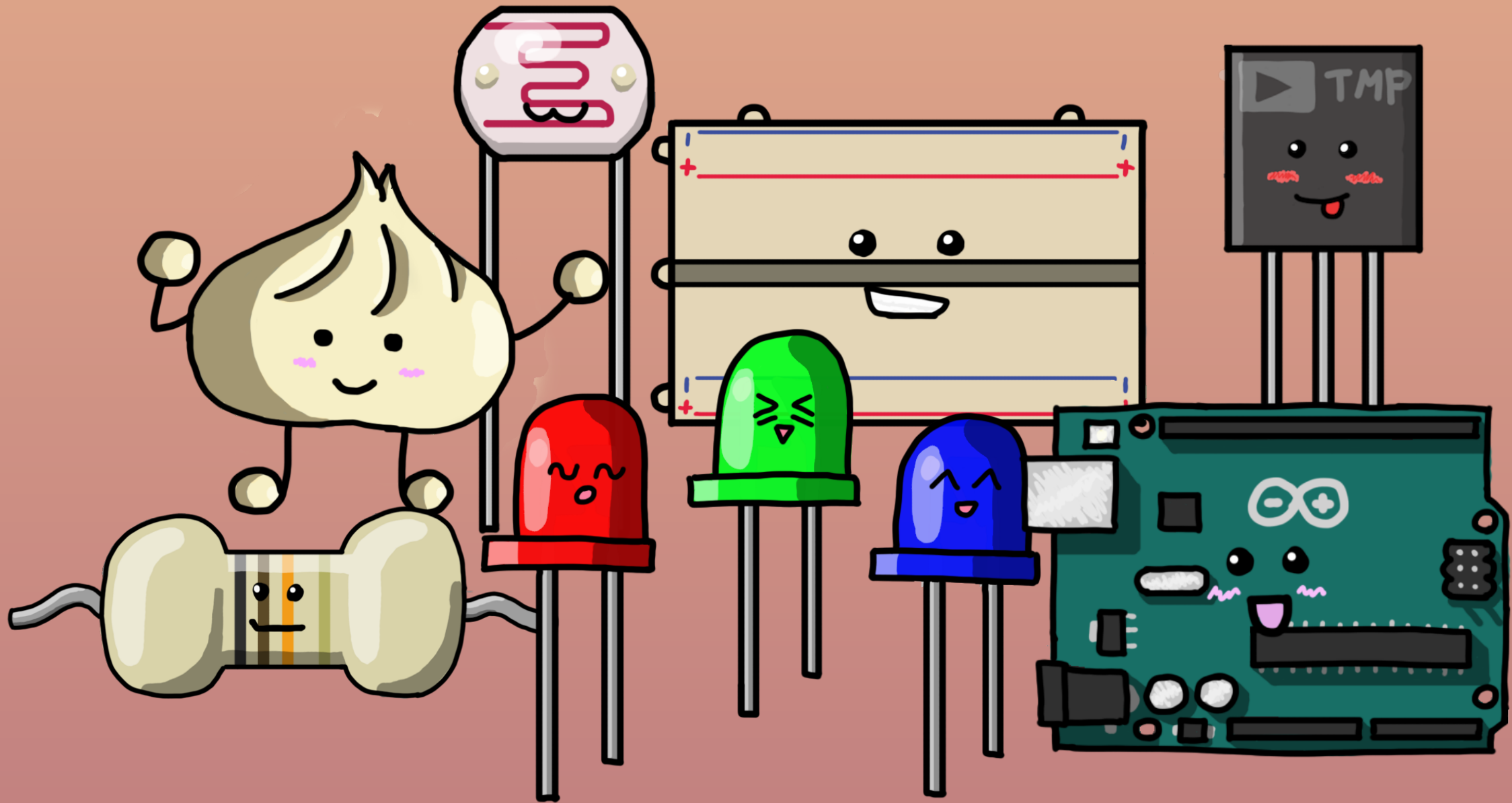
Multimedia Tutorials Karkhana's Innovator Club

by arantza, mateo, and laine

EXPLORE

INTERACTIVE WEB TUTORIAL

(AND WHY WE HOPE IT WORKS)



STORYTELLING

prompt and characters

Welcome to the Tutorial

Here, we will tell you about the most **important** materials in your kit!

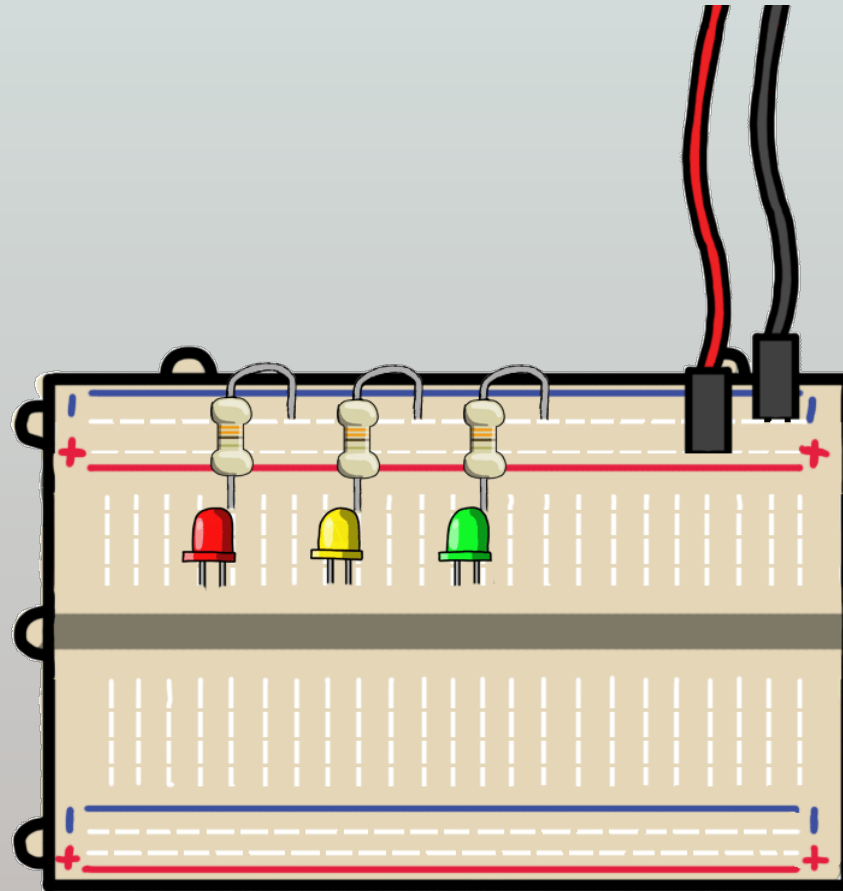
Make sure to read all the **descriptions** carefully and hover over the characters to see what they have to say!

go to tutorial

skip tutorial

INTERACTIVITY

button clicks, website navigation, gif animations, scores



SELF-DIRECTED LEARNING

working on circuit as tutorial progresses