



# Emotions in Motion

# Who are we? من نحن؟

ستوديو 5 مبادرة من وزارة الاتصالات وتكنولوجيا المعلومات. نحن نلبي احتياجات الشباب الذين تتراوح أعمارهم بين 7 و24 عامًا في قطر لتسهيل الثورة الرقمية داخل المجتمع والمجتمع القطري في تزويد الشباب بالمعرفة والمهارات في مجال التصنيع الرقمي والتكنولوجيا الناشئة. تهدف المساحة المخصصة إلى إحداث تحول عقلي لدى الشباب في قطر من مستهلكين إلى مبدعين ومبتكرين.

**Studio 5 is an initiative by the Ministry of Communications and Information Technology. We cater to youth aged 7-24 in Qatar to facilitate the Digital Revolution within the Qatari society and community in providing the youth with knowledge and skills in digital fabrication and emerging technology. The dedicated space aims to trigger a mindset shift in the youth in Qatar from consumers to creators and innovators.**



What is a ما هو

# Fabrication Laboratory مختبر التصنيع

Is a place to play, to create, to learn, to mentor, to invent:

A place for learning and innovation.

هو مكان للعب، الصناعة، التعلم، التوجيه، والاختراع:  
مكان للتعلم والابتكار.

طباعة ثلاثية الأبعاد

3D PRINTING



القص بالليزر

LASER CUTTING



وأكثر من ذلك بكثير...

AND MUCH MORE...

آلة الحفر

بالتحكم العددي بالكمبيوتر

CNC milling machine

(Computer numerical control)





منطقة الإبداع  
Creativity Zone



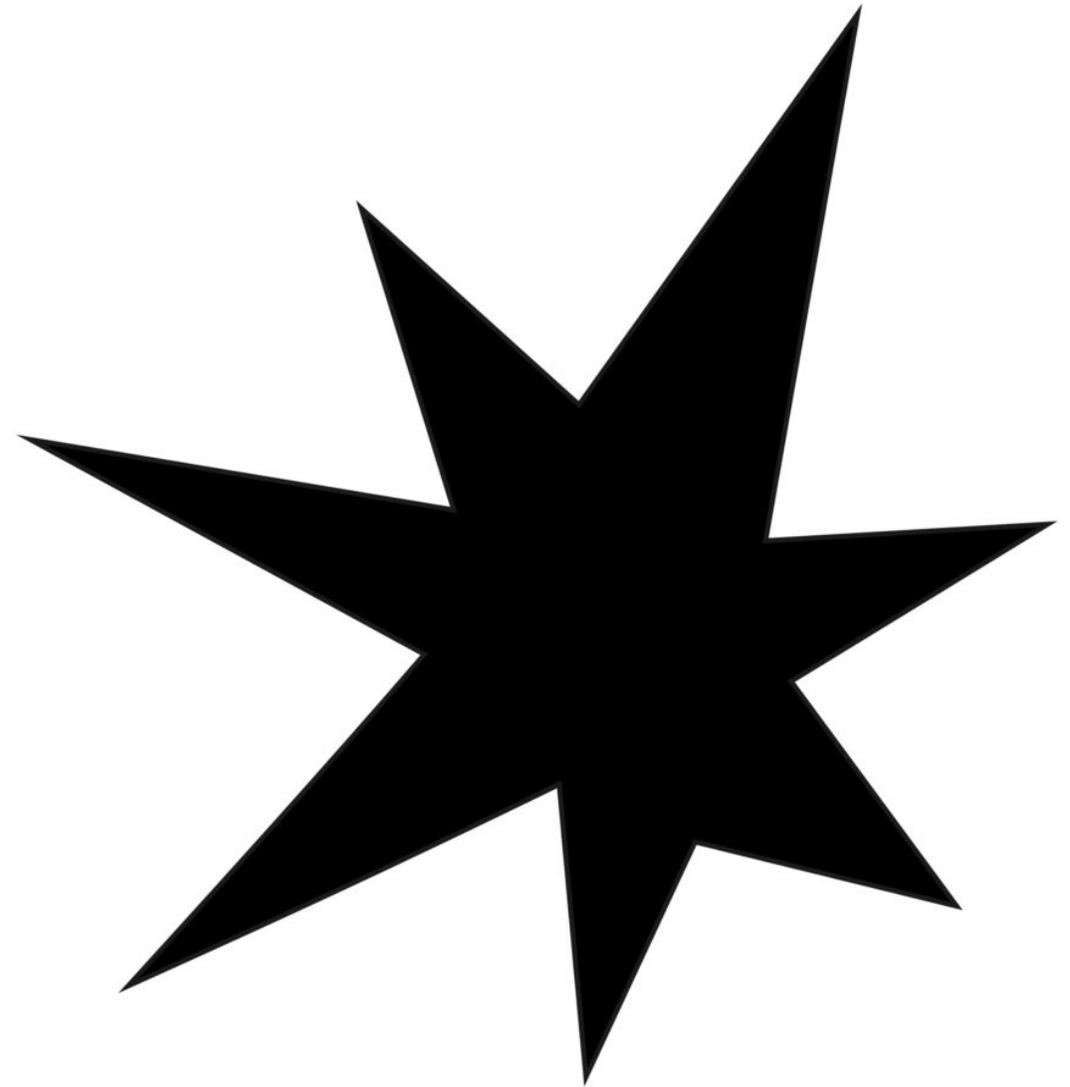
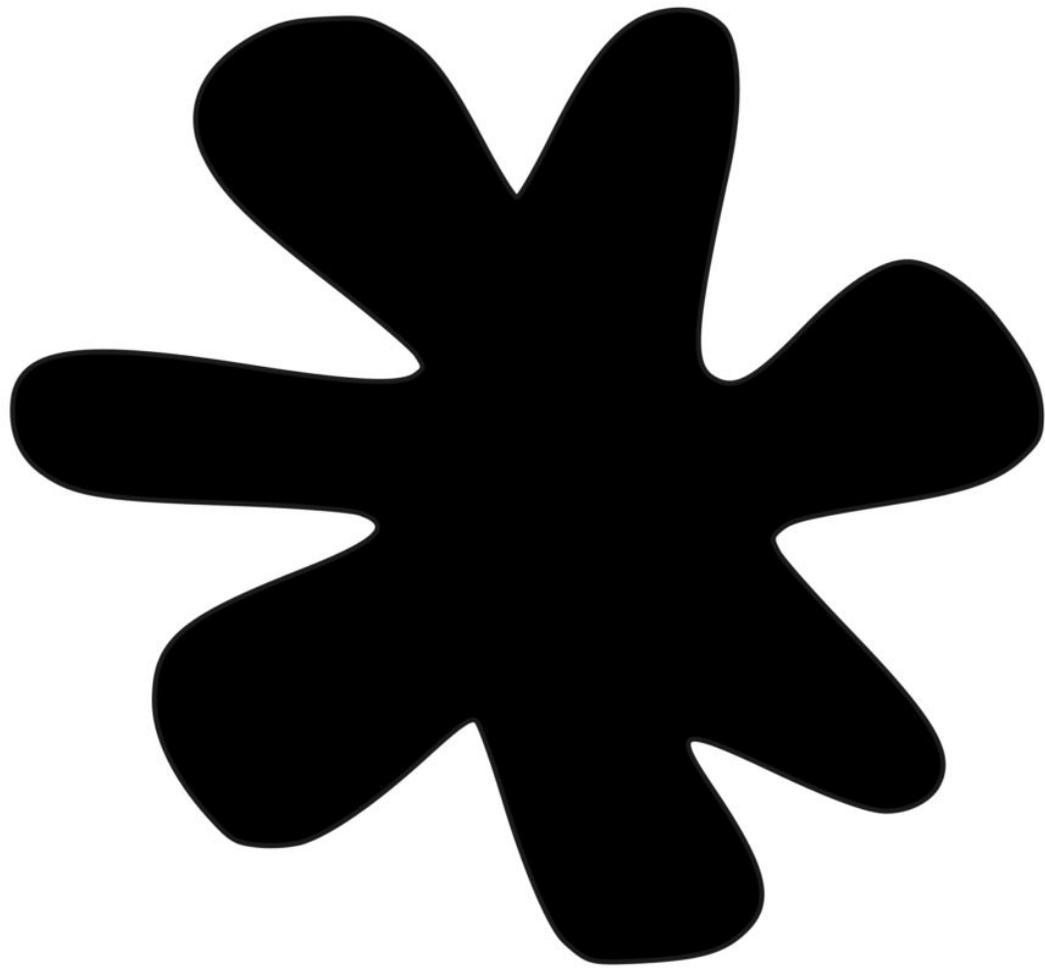
منطقة البرمجيات  
Software Zone



منطقة التكنولوجيا  
Technology Zone



منطقة التحقيق  
Investigation Zone



**Bouba or Kiki?**

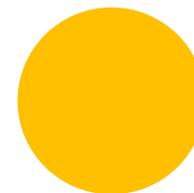
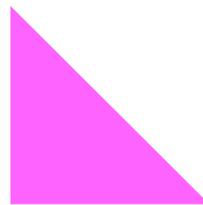
 **Happy** = Yellow

 **Angry** = Red

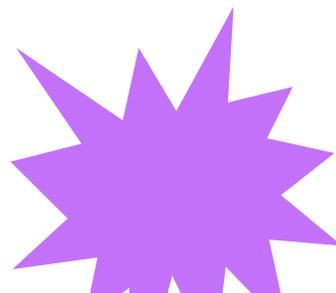
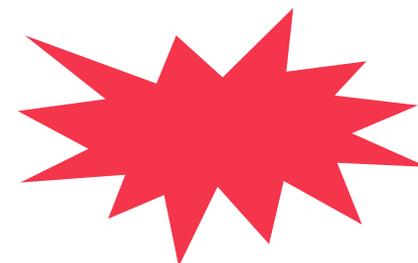
 **Sad** = Blue

 **Scared** = Purple

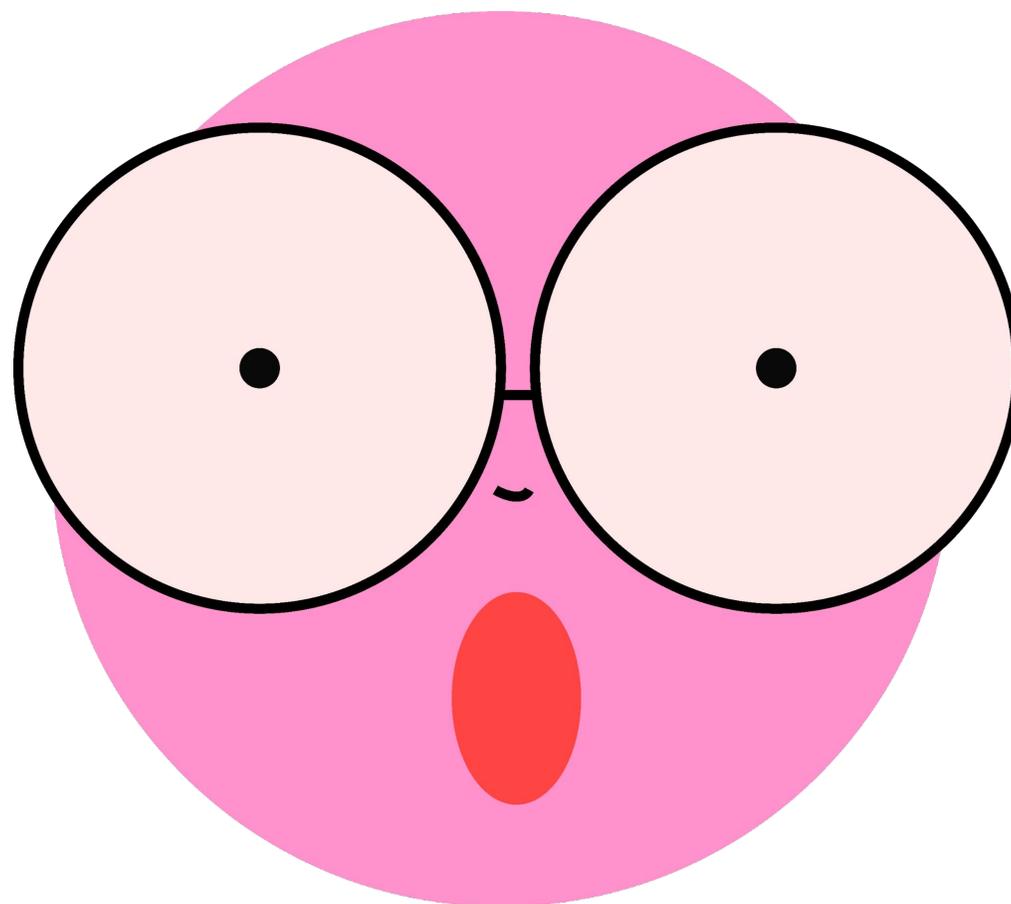
 **Surprised** = Pink



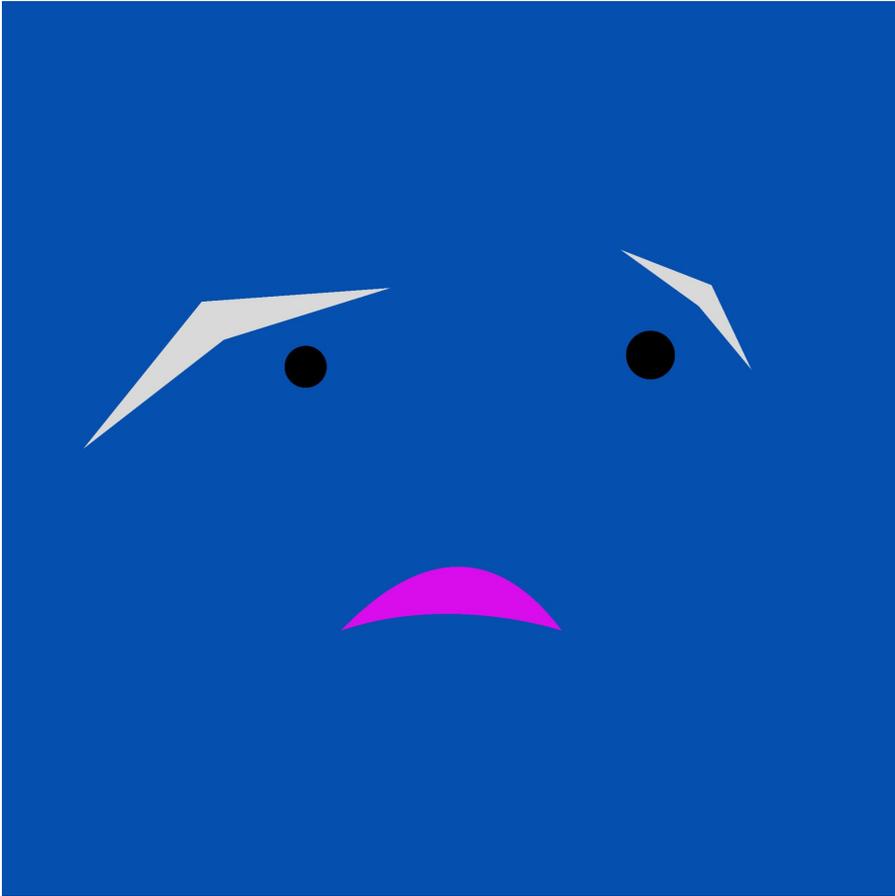
**Bouba or Kiki with Emotions**



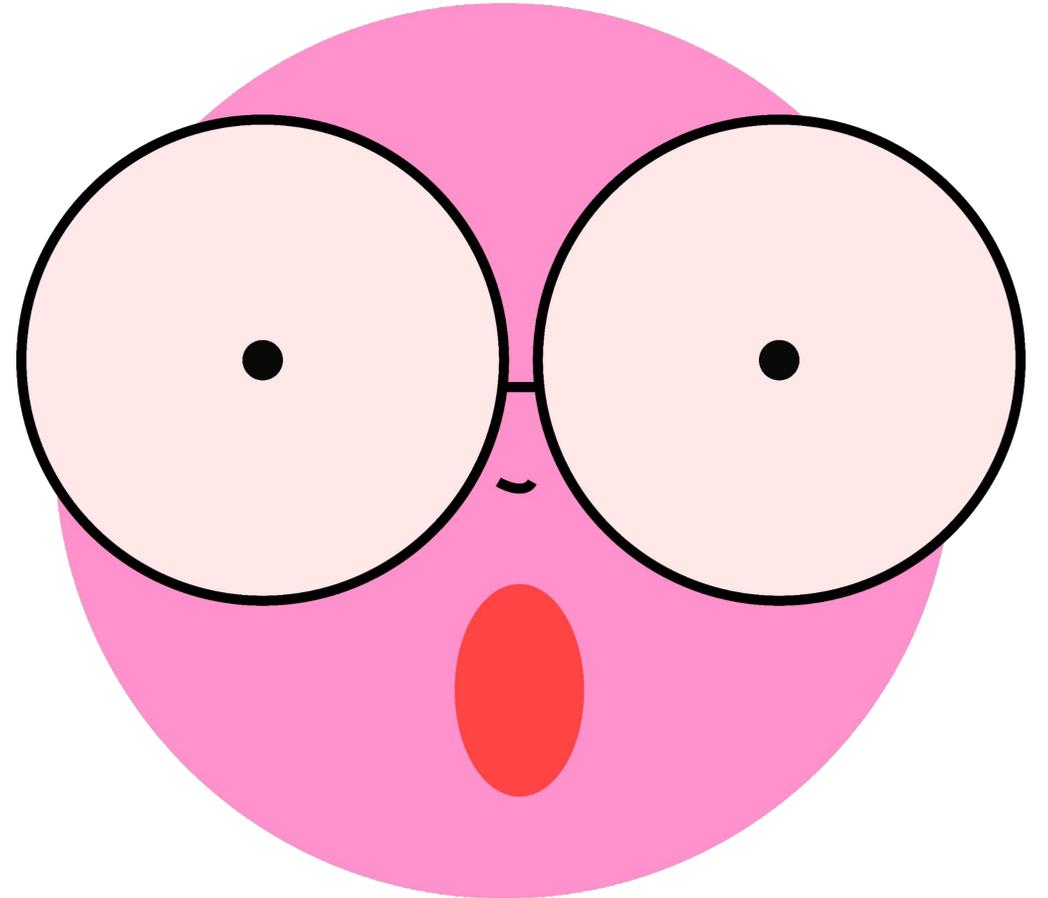
**Let's name these emotions!**



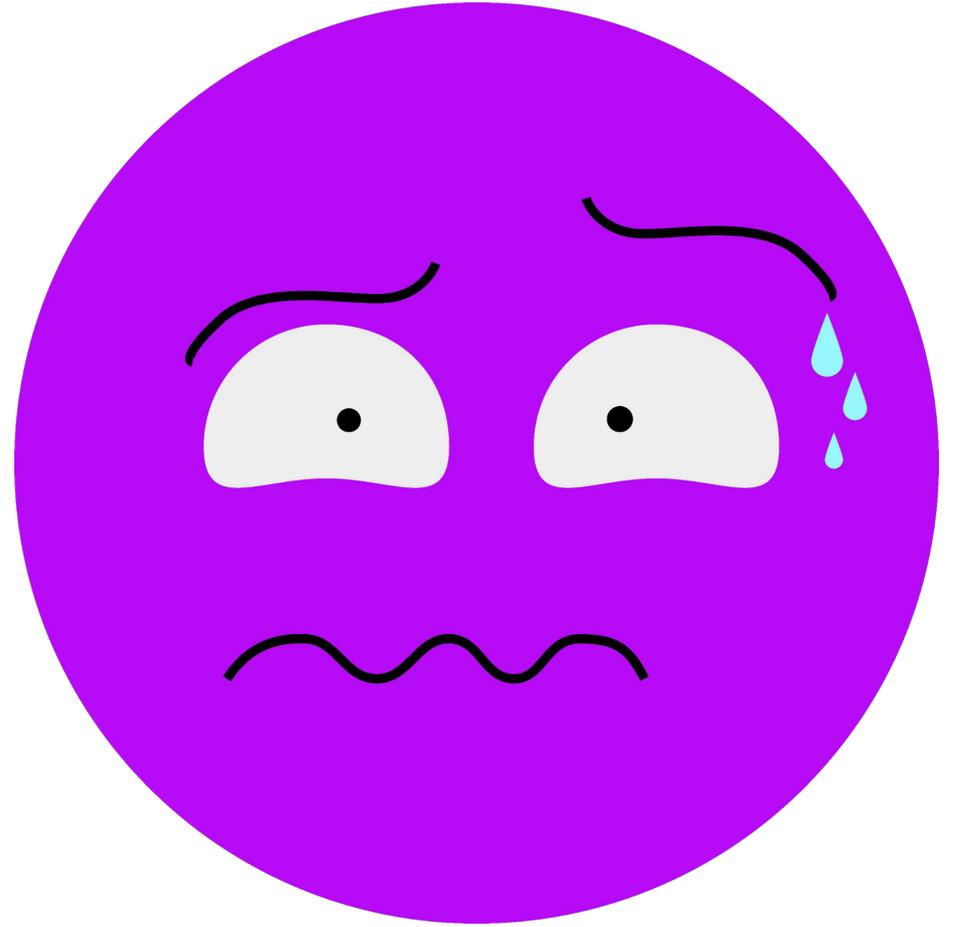
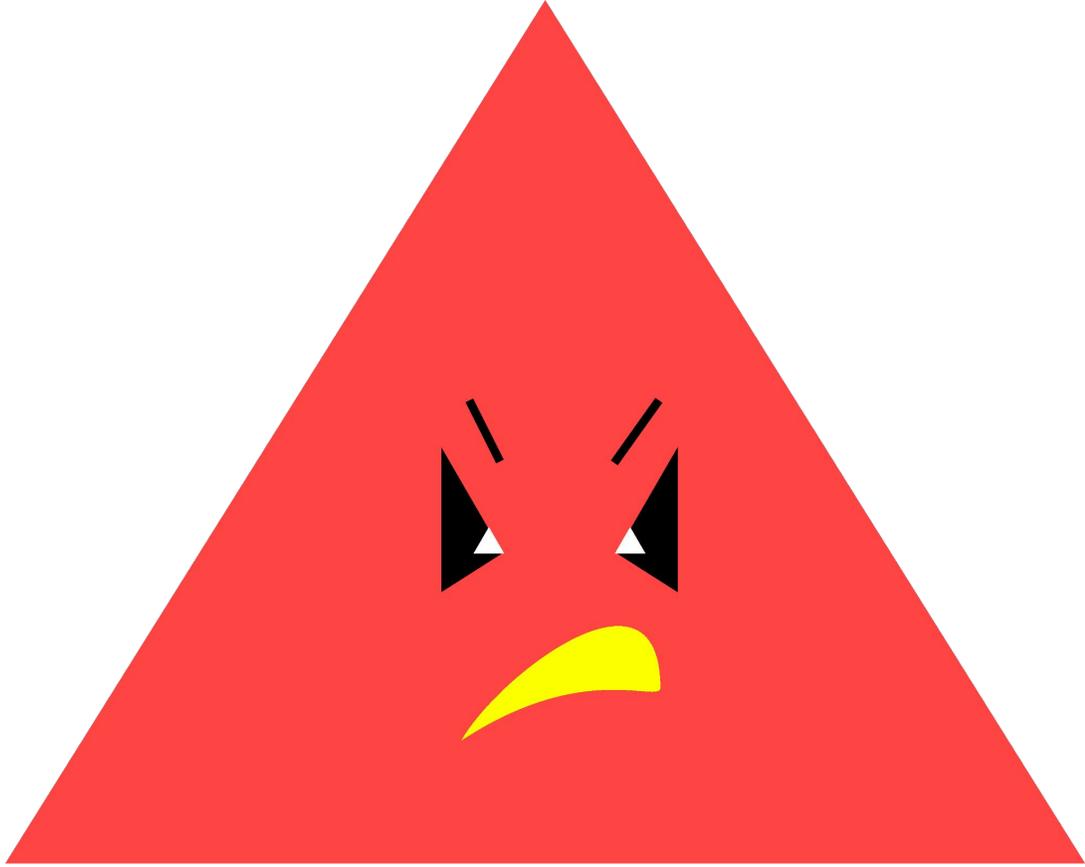
**Let's name these emotions!**

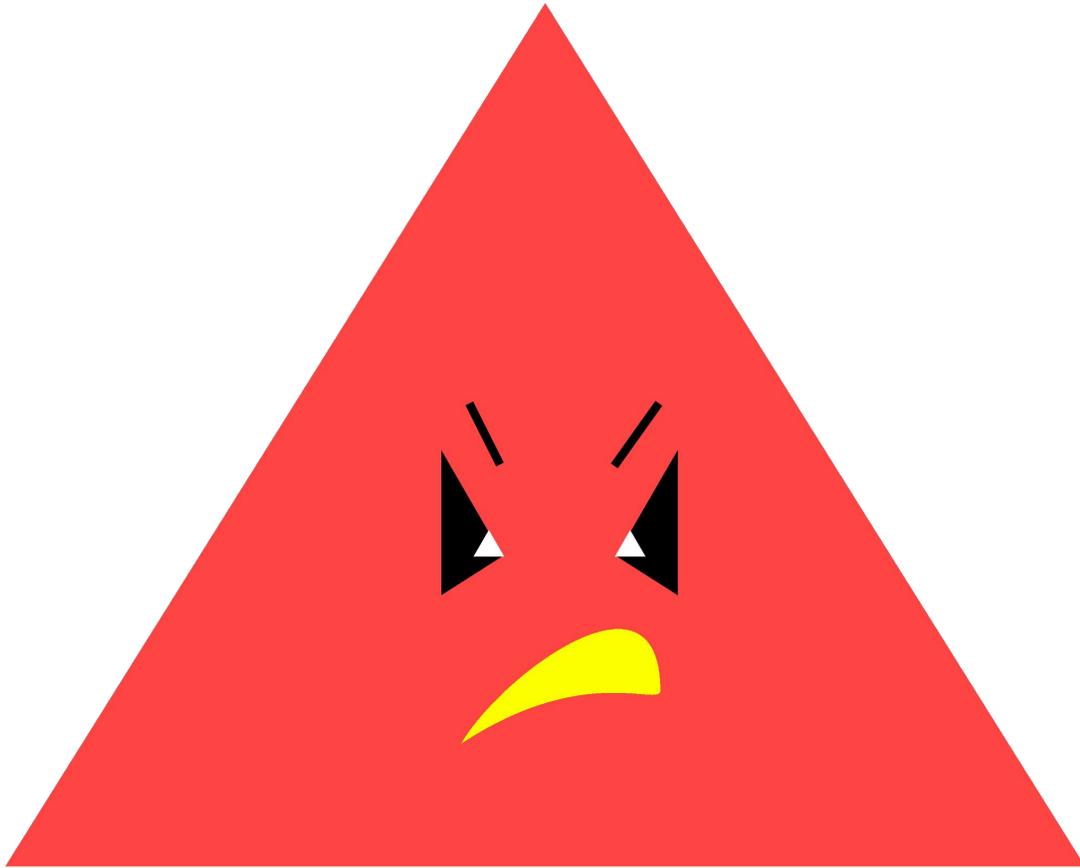


**SAD**

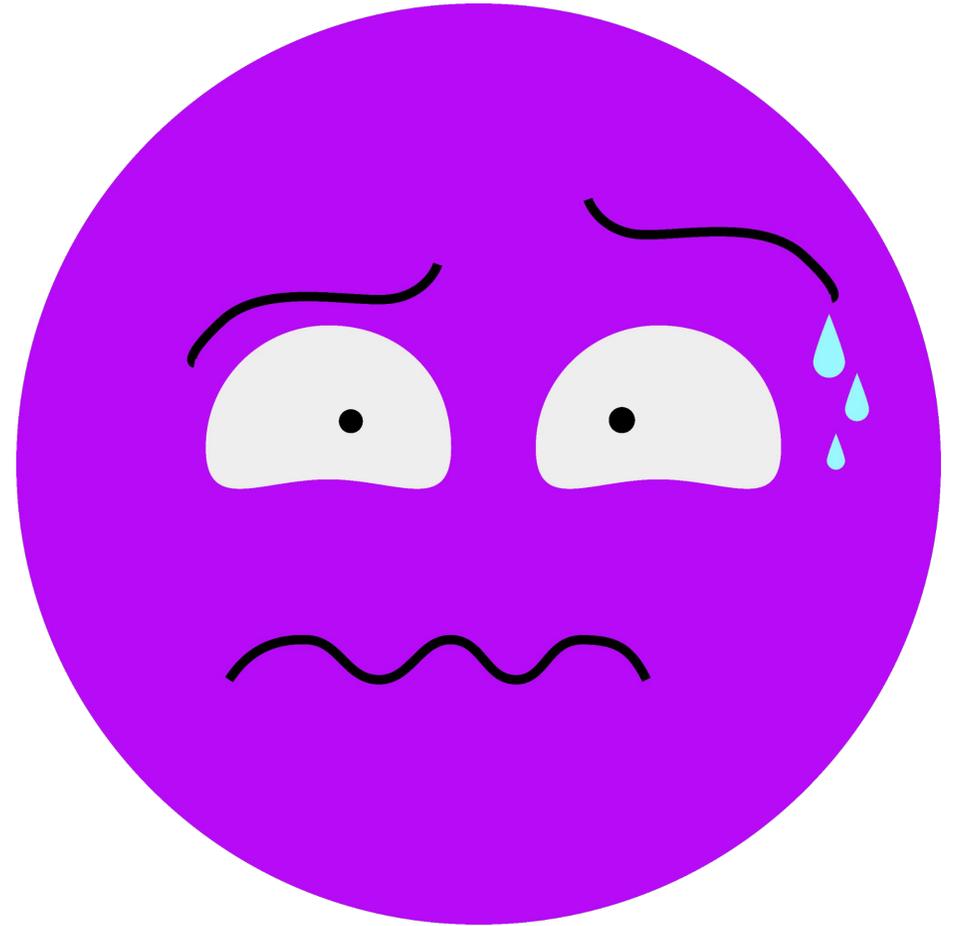


**SURPRISE**

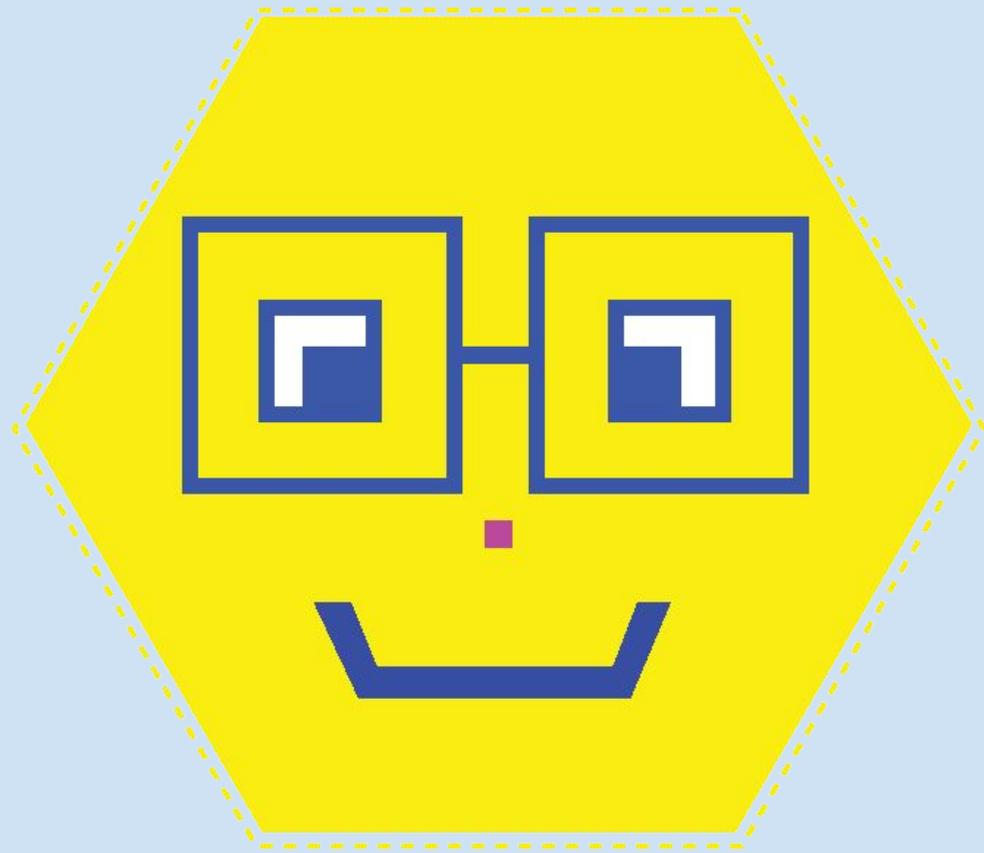


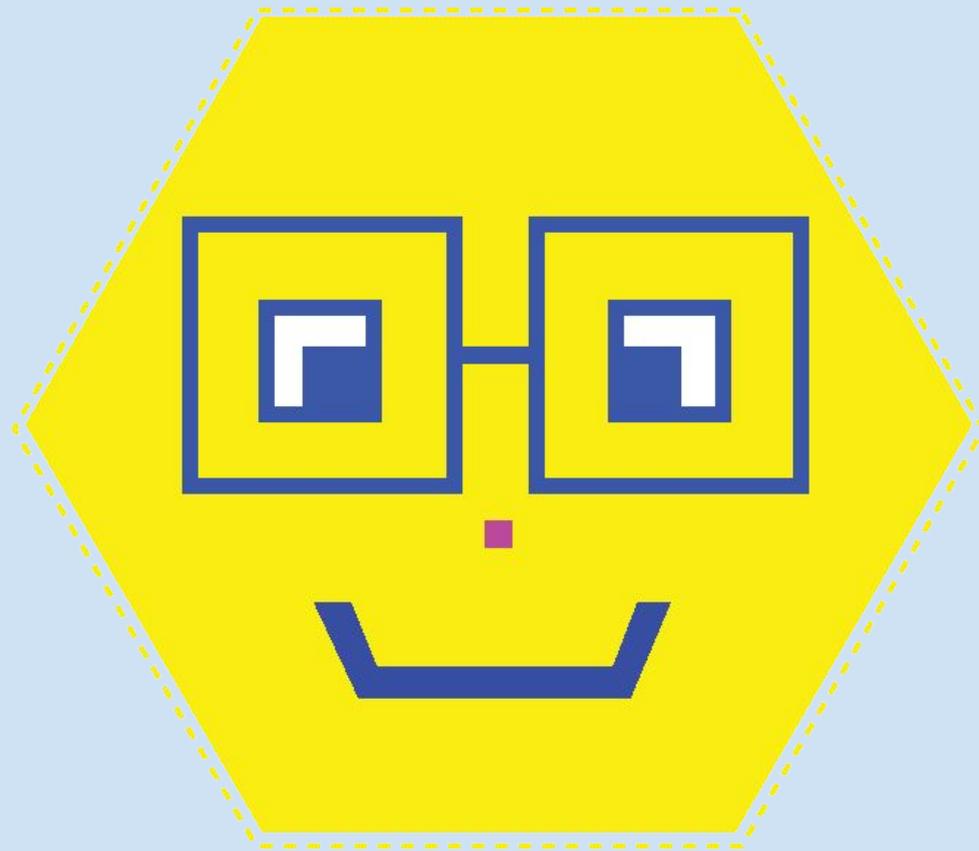


**ANGRY**



**ANXIOUS**





**HAPPY**

# EMOTIONS IN MOTION



We're going to explore how shapes and sounds can express feelings! Have you ever seen a shape that looked happy or sad, or heard a sound that made you feel excited or scared?

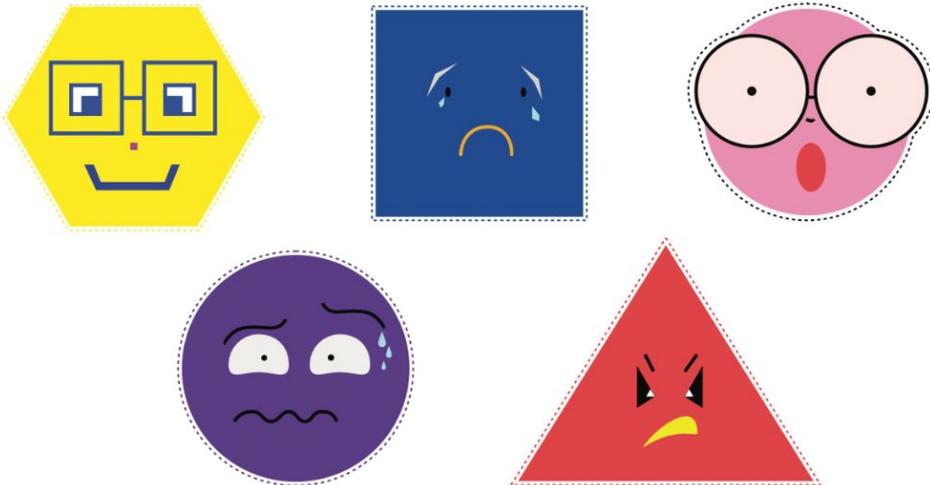
- First, you'll build expressive faces using fun shapes like Bouba (soft and round) and Kiki (sharp & spiky), showing emotions like **Happy, Surprised, Sad, Angry, and Scared**.

- Then, we'll use Makey Makey to bring your faces to life with sounds and animation — laughter, crying, gasps, and more! You will need also the alligator clips for this phase!

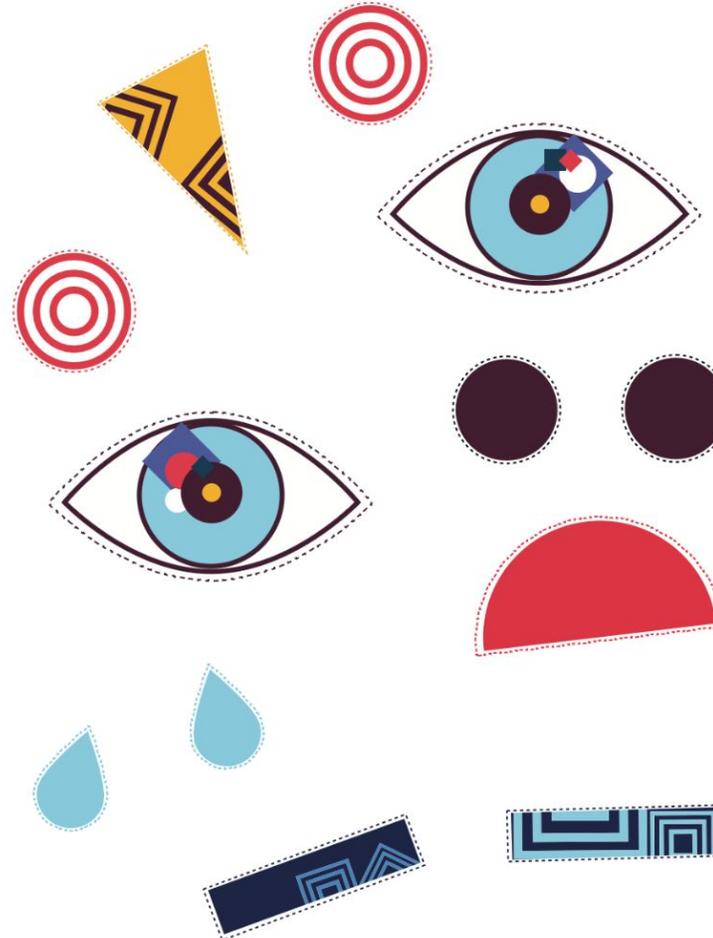
- By the end, you'll have your own interactive emotion poster!

**START CUTTING OUT ALL THE SHAPES!**

## Alligator Clips



## Face elements



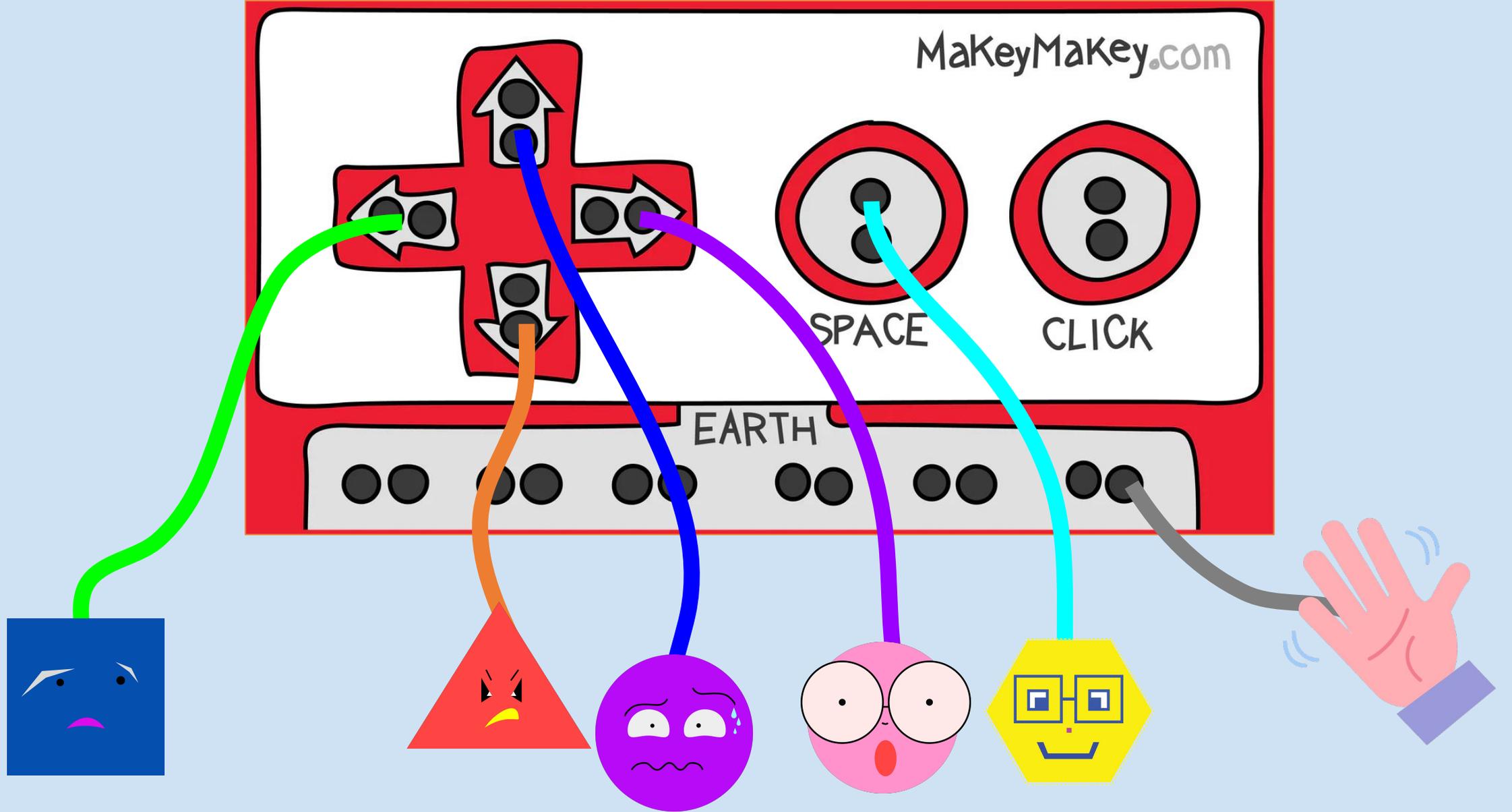
1. Cut around the dashed line



2. Compose the face and secure the elements using paper fastener



3. Add a metallic pin to the emotions

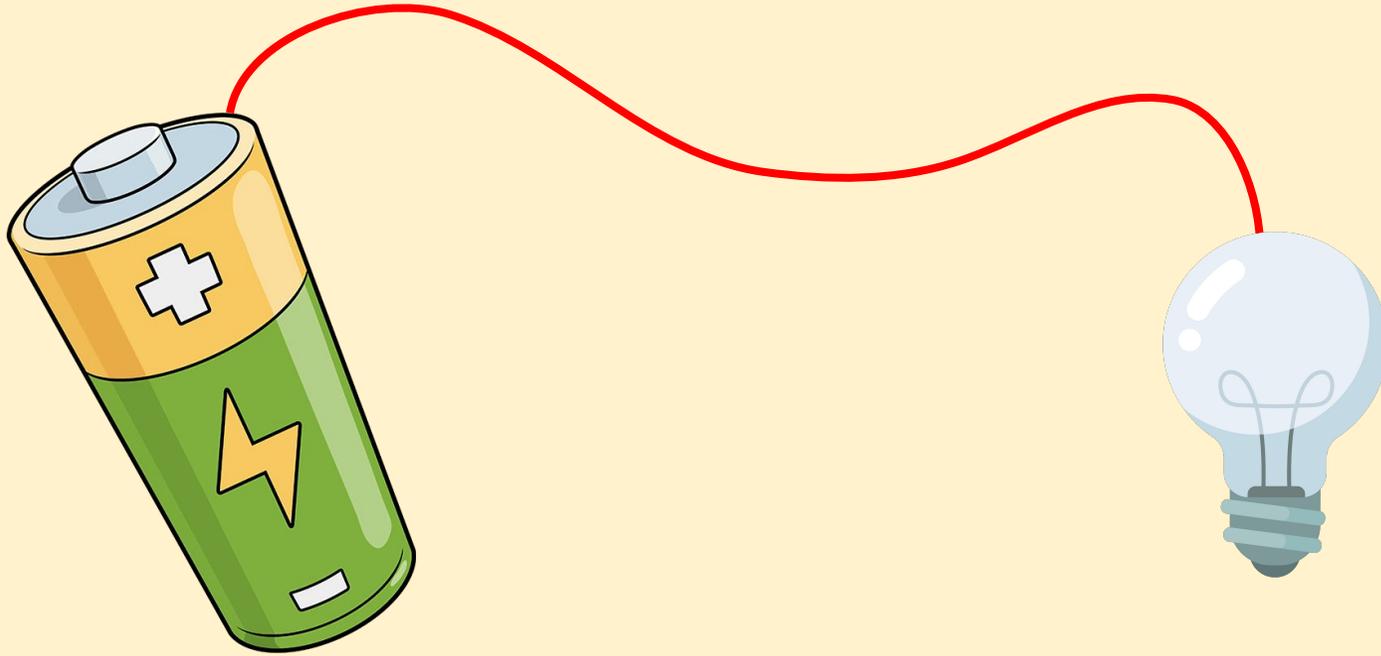


**What is a circuit?**

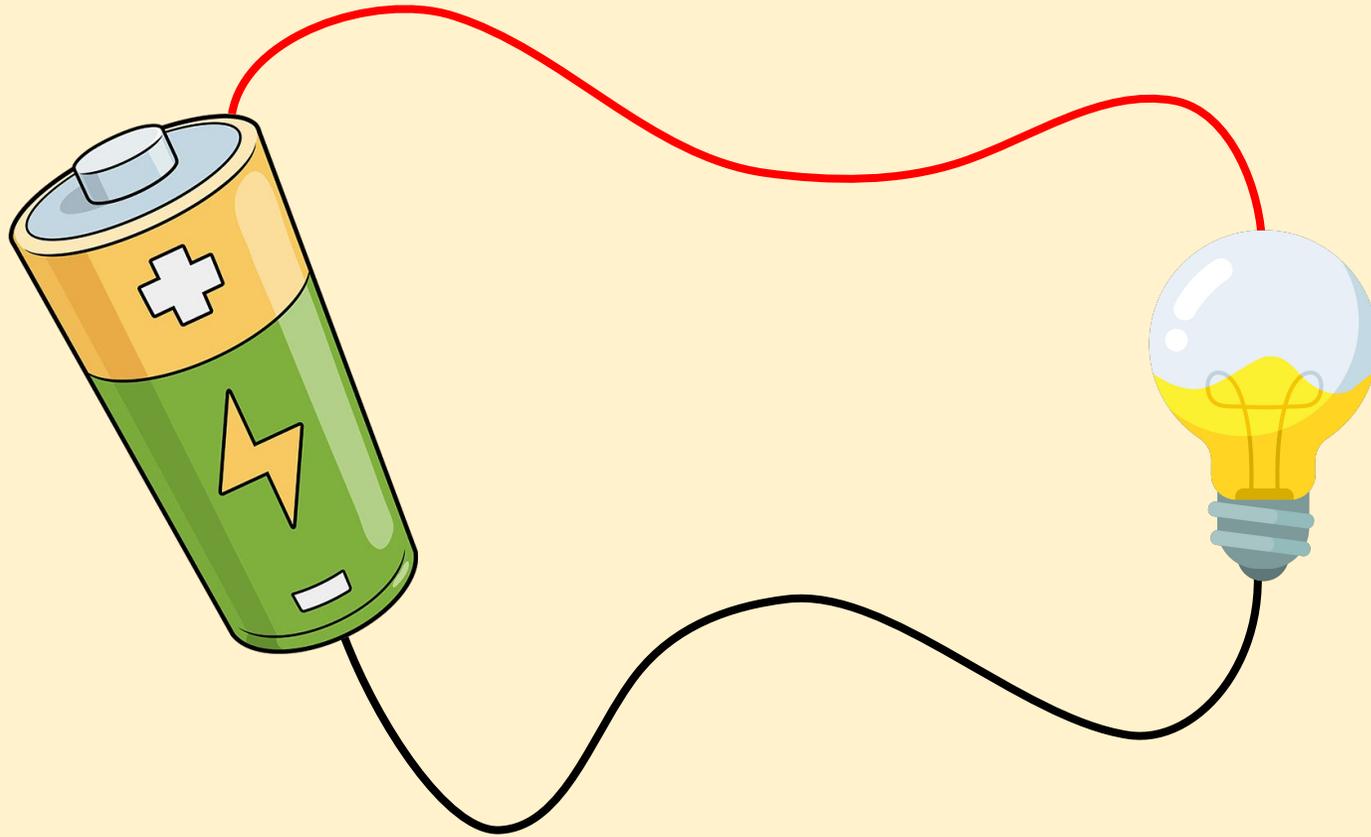
**What is a circuit?**



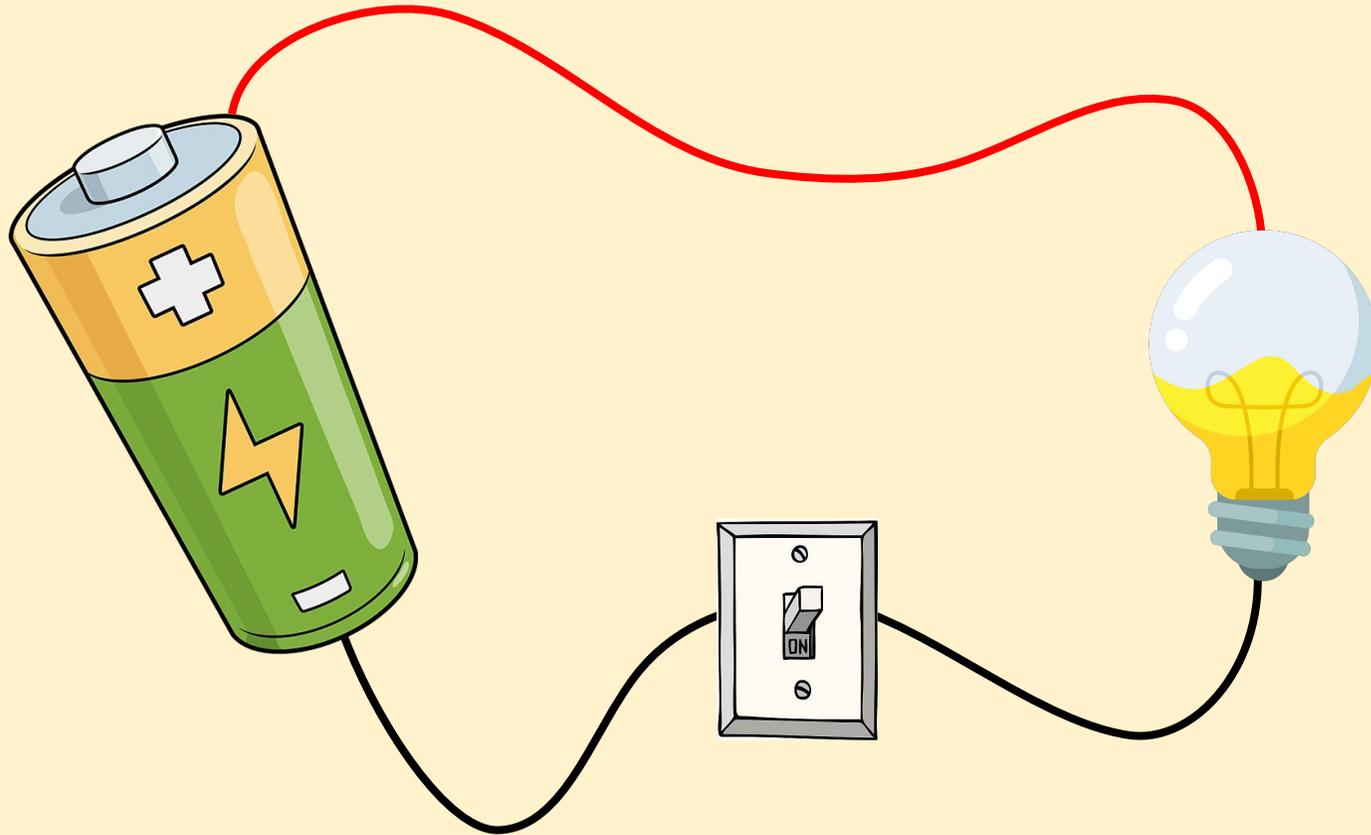
**What is a circuit?**

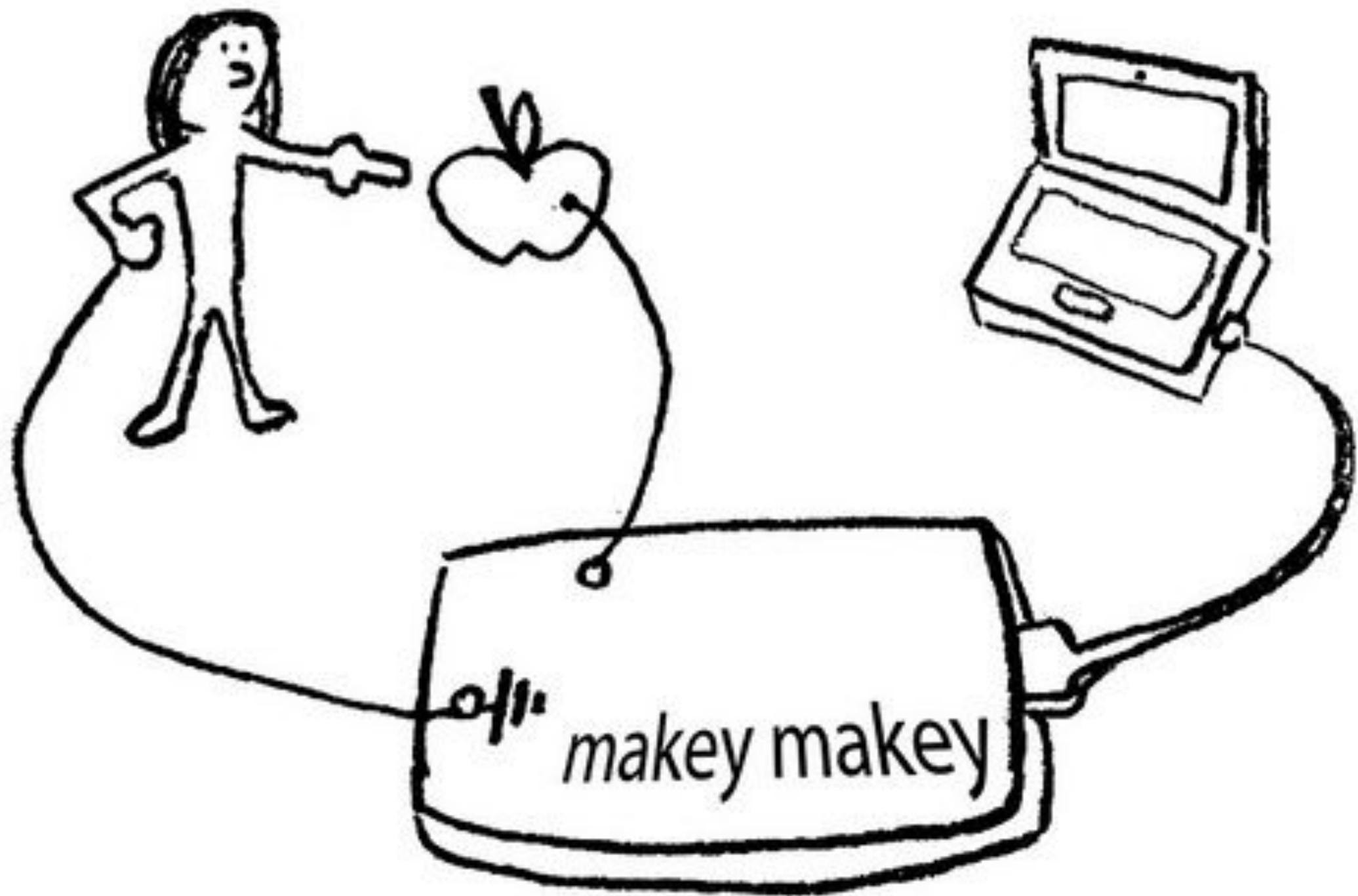


**What is a circuit?**



## What is a circuit?





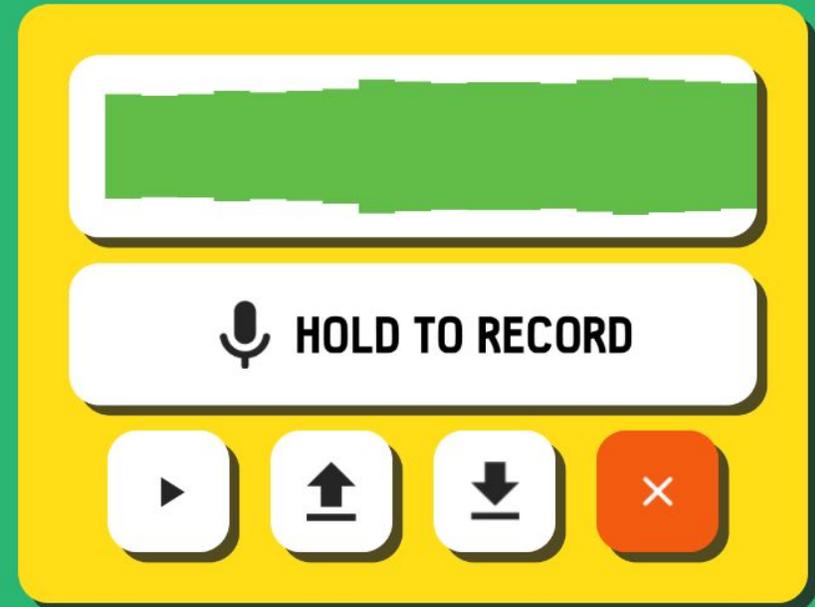
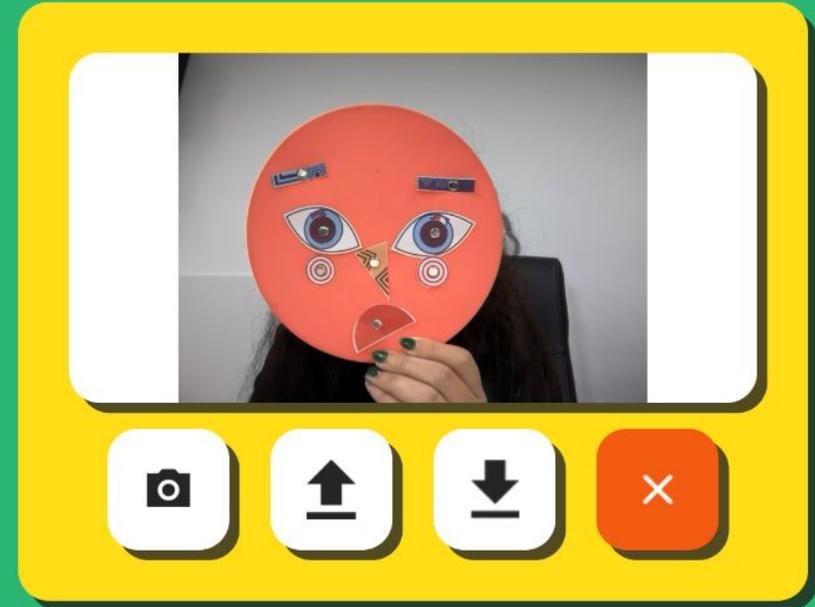
makey makey

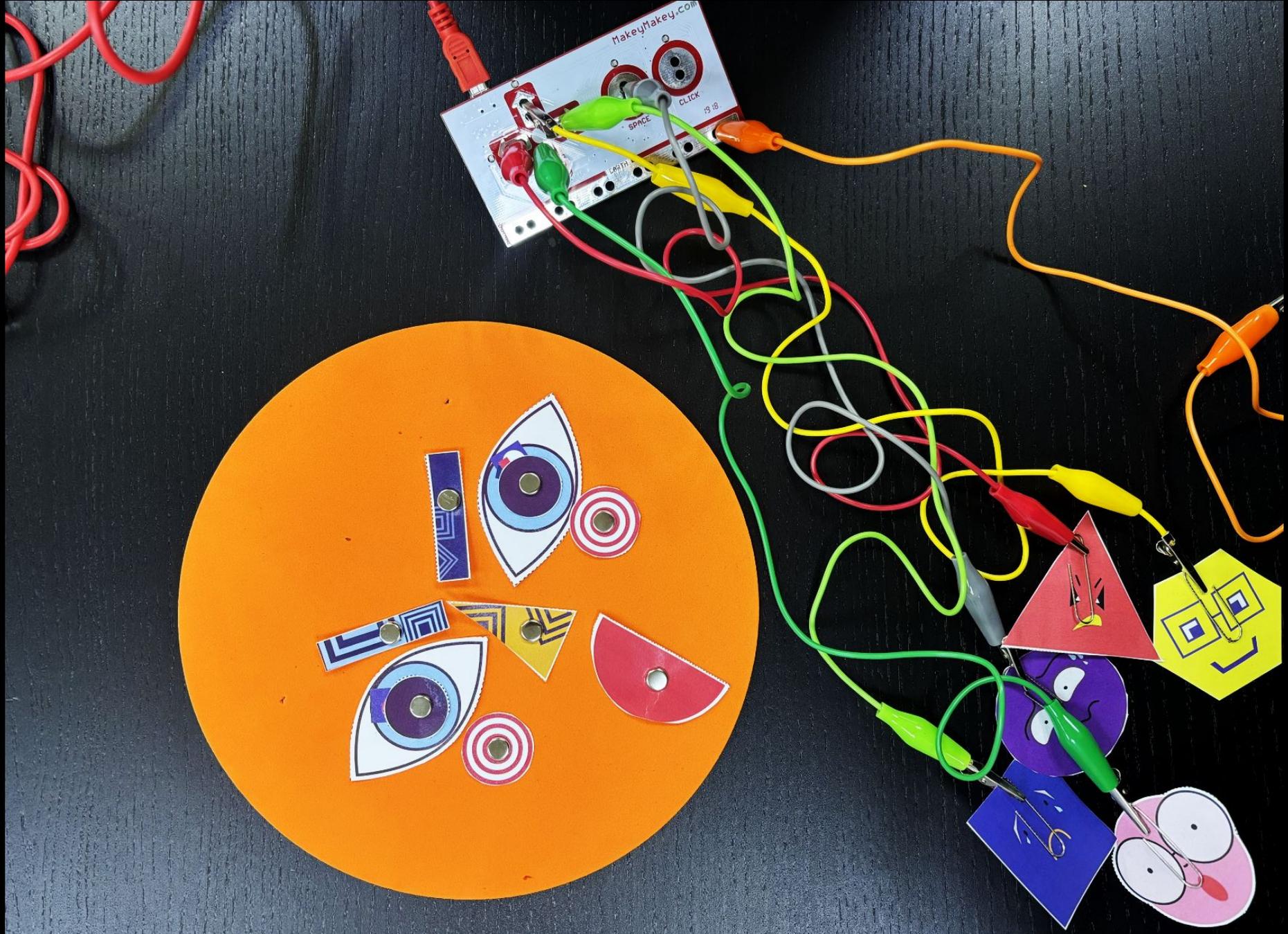


INTERACTIVE POSTER



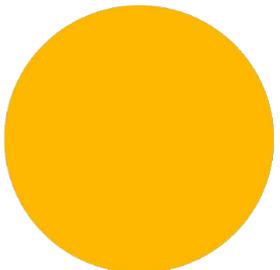
<https://apps.makeymakey.com/poster/>







**Thank you!**  
**شكراً لك!**



ستوديو 5  
STUDIO 5

