

ABC's of Mutualism

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Interactive IV

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Interactive ABC's

Create an "ABC's of" (A is for Apple, B is for bear, etc.) type method of delivery to explain a complex topic to an audience of our choosing. Deliverables include: printed cards, and an interactive experience.

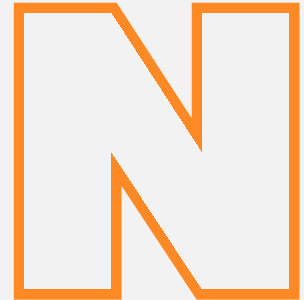
Concept

The topic we chose is **mutualism**. We chose out of many, many options and had several rounds of voting. Mutualism, which is a symbiotic relationship where two organisms benefit from the interaction we thought had a nice message to it would be interesting to explore.

Letters

The letters were assigned at random. Each group had 9 people in it, so everyone was tasked to do 3 letters, except for one person, who had 2 letters and additionally had to do the cover image. My letters, are E, N, and W.

 is for Emu.

 is for Nitre Bush

 is for Wasp

Goals

Educational

Educate kids on different types of animals, habitats, and how working together is better for everyone.

Easy

Learning a new game can be hard. We didn't want that to be an issue with our experience or card game.

Fun

Ultimately, if it's not fun it won't be revisited, no matter how well-researched it is.

Process

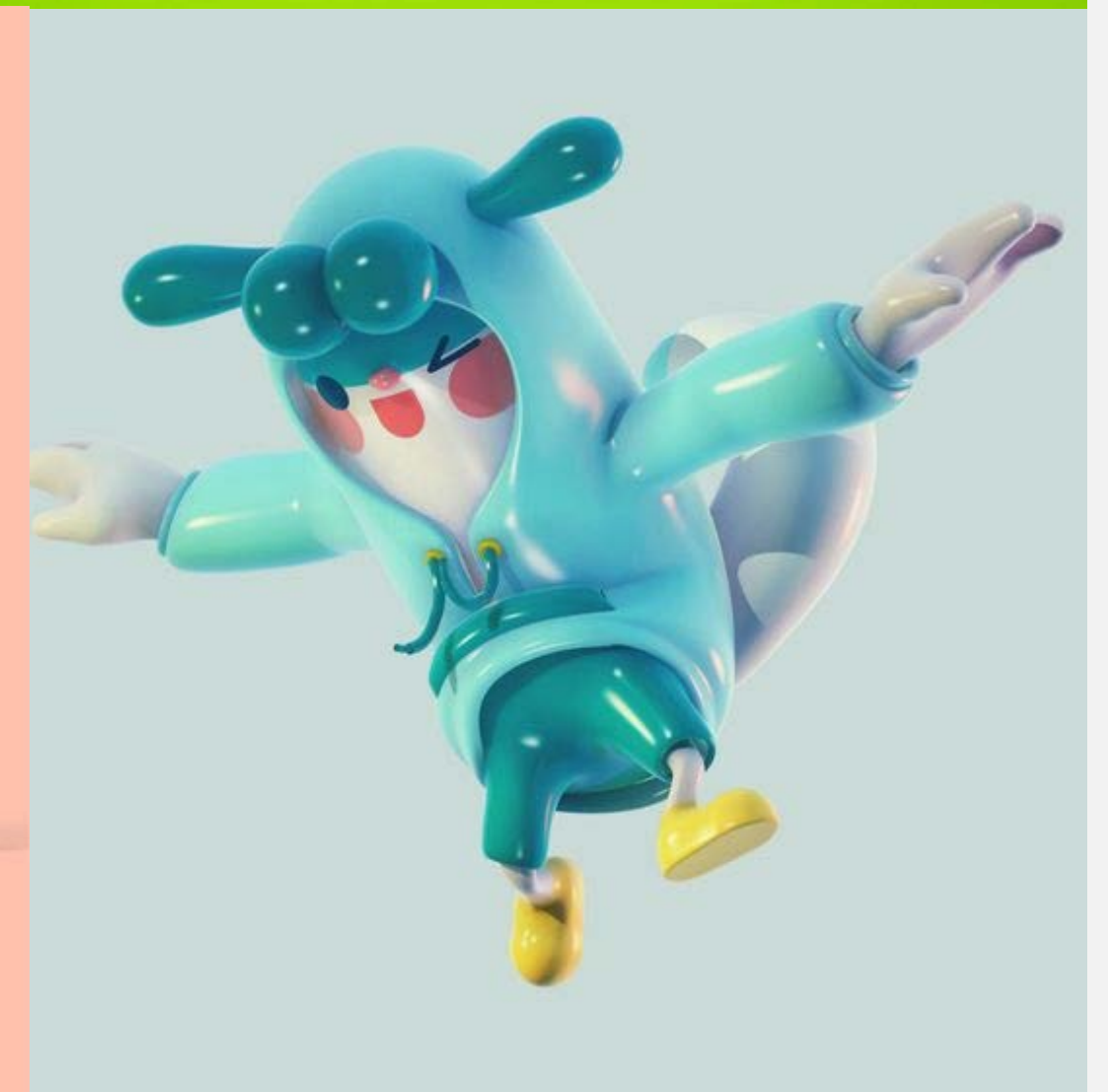
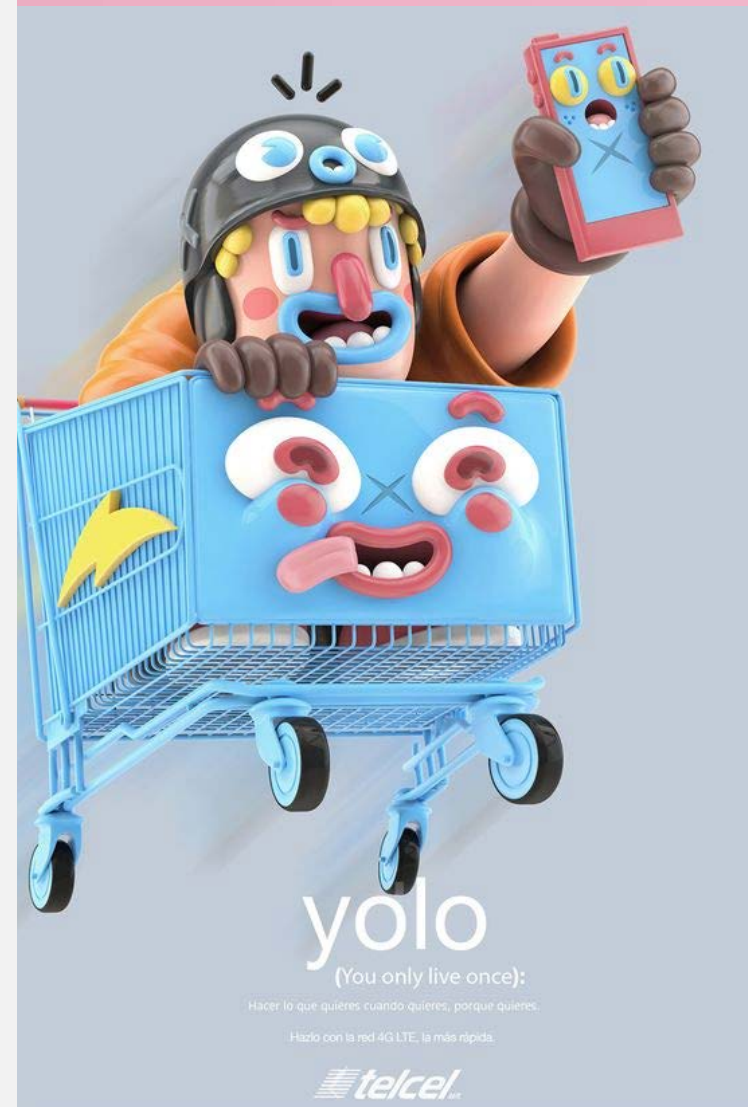
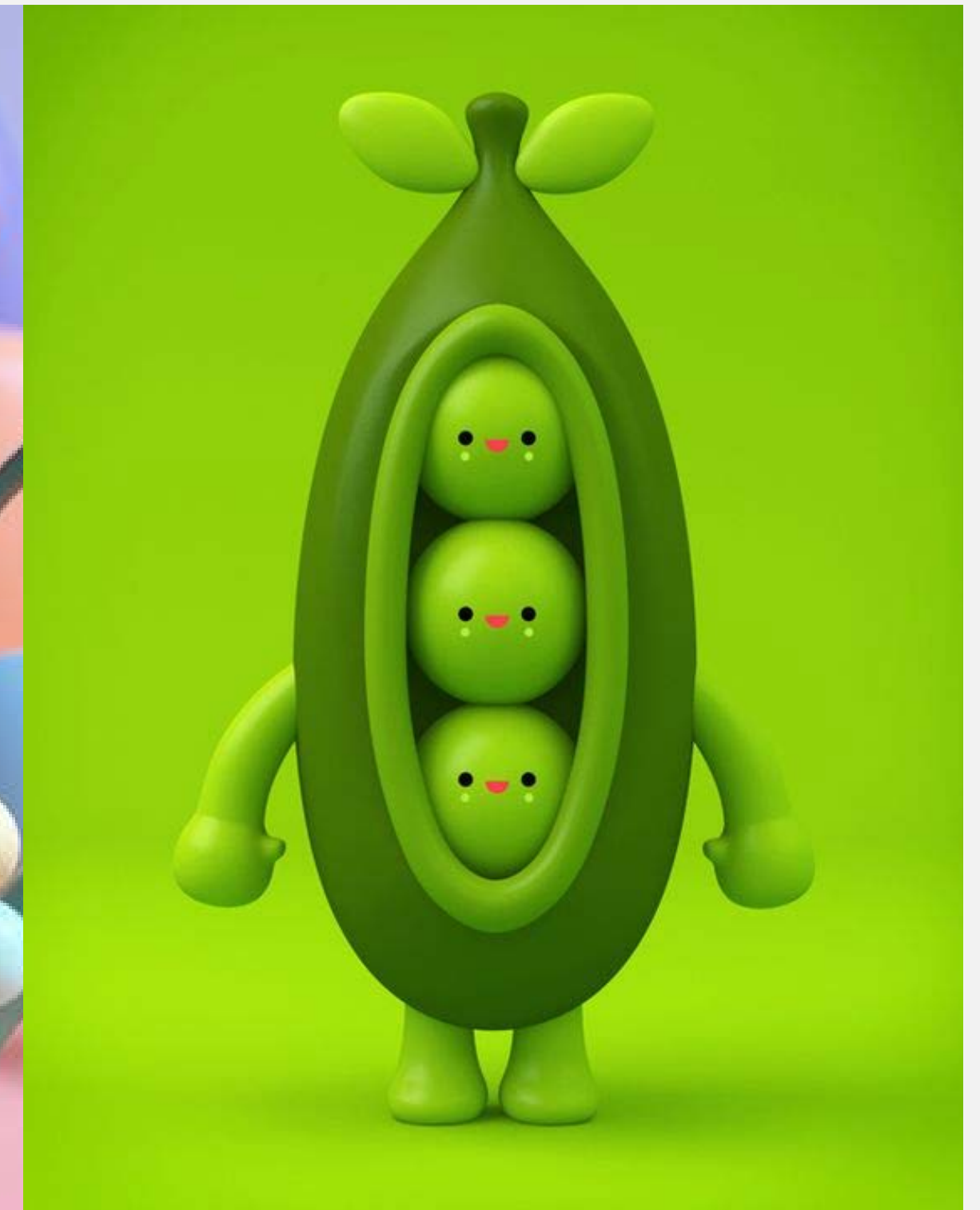


STYLE BOARD

Toybox

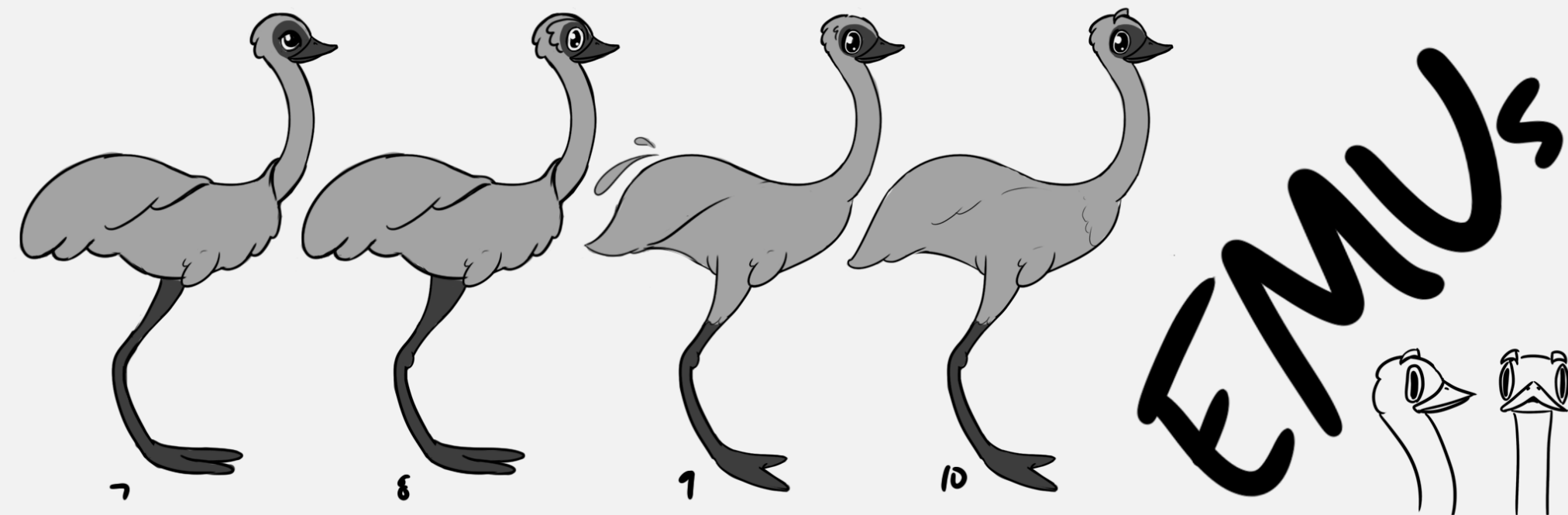
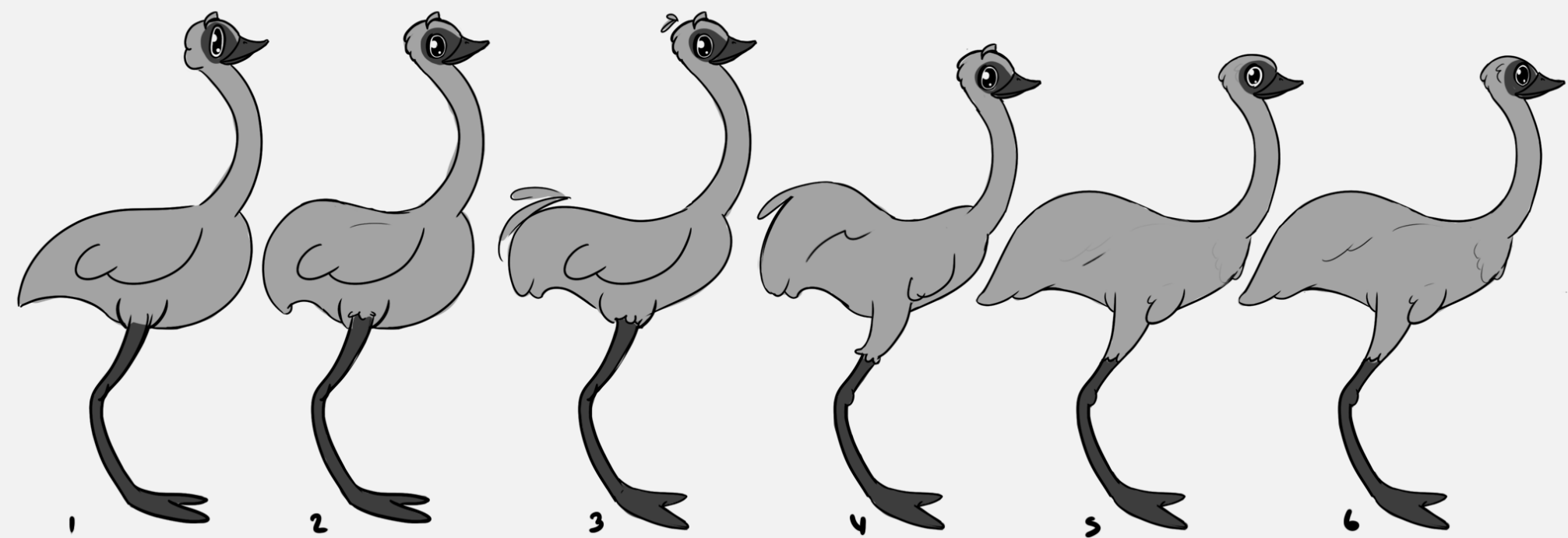
- Cute
- Exciting
- Tactile

Simple shapes for a playful feel. They're easy to understand, and the roundedness makes it feel friendly--perfect for young children. Plus who doesn't like toys?

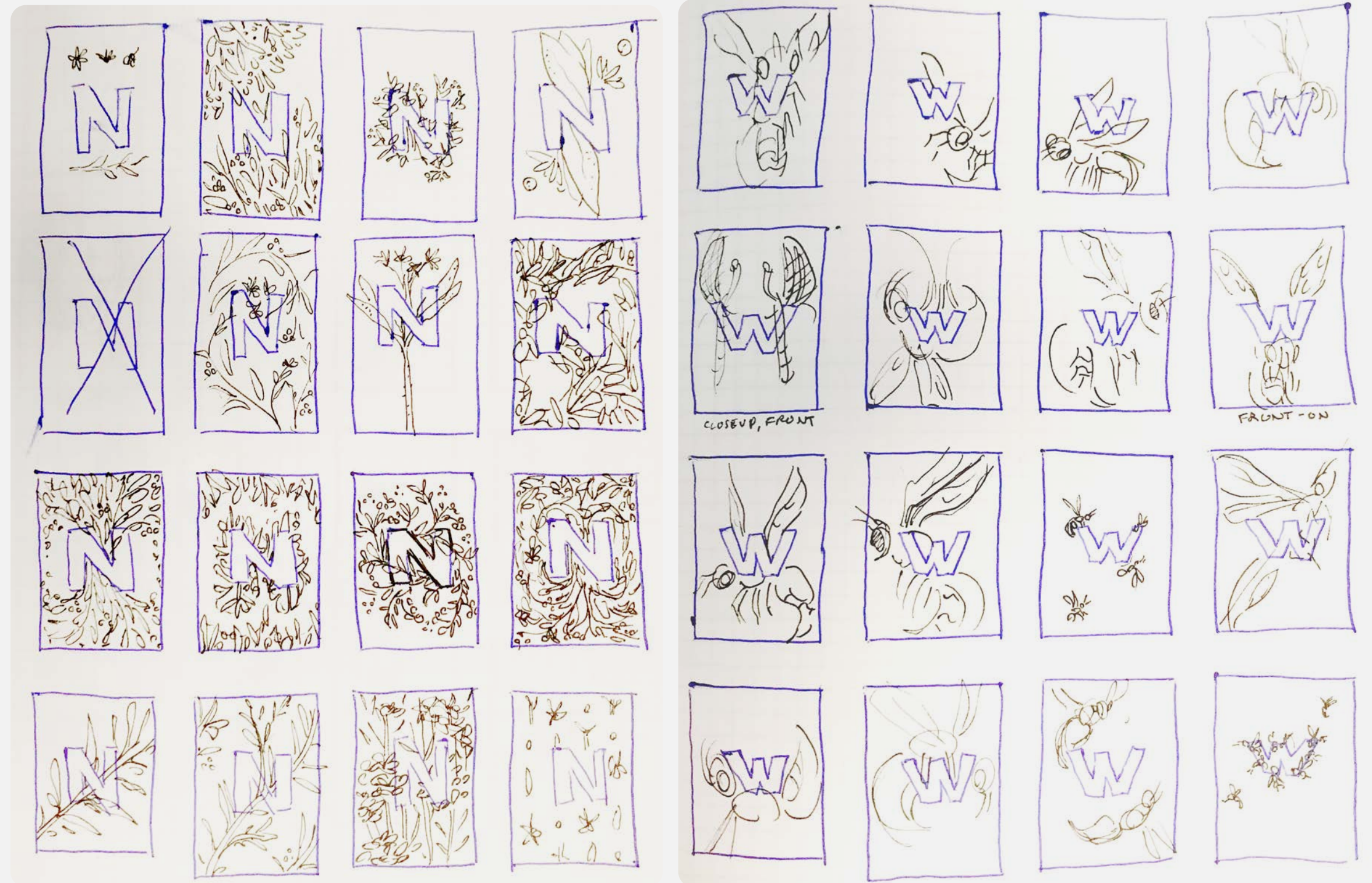


PROCESS

Sketches

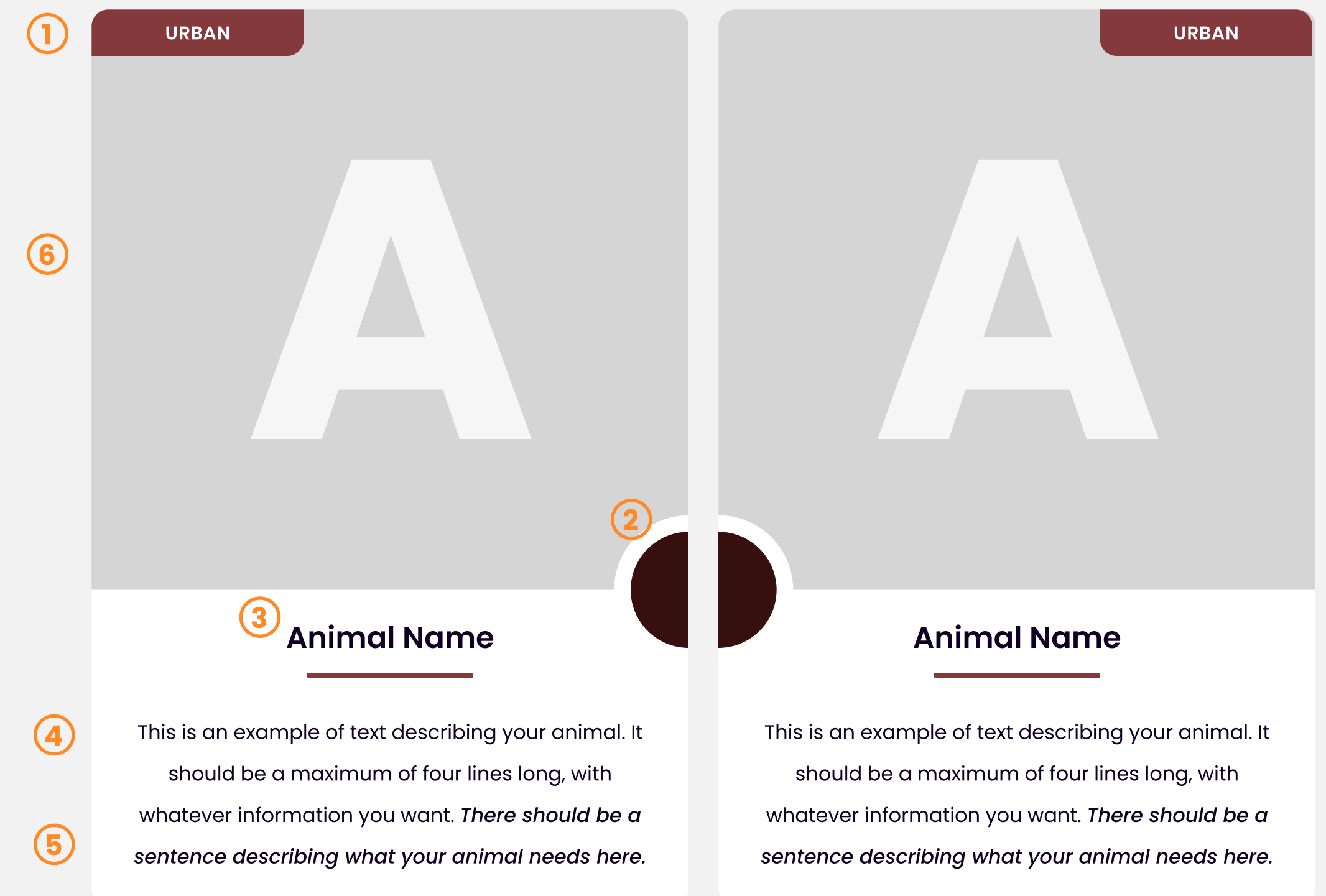


EMU




Requirements

- ① Habitat Tag
- ② QR Code
- ③ Animal species name
- ④ A brief description about the animal
- ⑤ Hints to the pair
- ⑥ The letter




Iteration 1

GRASSLANDS




Emu

I am Emu. A bird 6 feet tall. 2nd tallest of them all.
I have tiny useless wings. I cannot fly, but I can swim.
I am hungry, I want a snack. Help me find me the red-berried plant?



GRASSLANDS




Nitre Bush

I am *Nitraria billardierei*, call me Nitre bush for short. At 7 feet tall I'm of the portly sort.
I have red berries that birds like to eat, do know a long legged one that I could meet?




TROPICAL



Wasp

I am the Wasp, of a specific type. I like my fruits round. I like them green. I like what I like.
This fruit is where I lay the eggs. A treasure box--my young are the loot. Please help me find this precious fruit?



Iteration 2



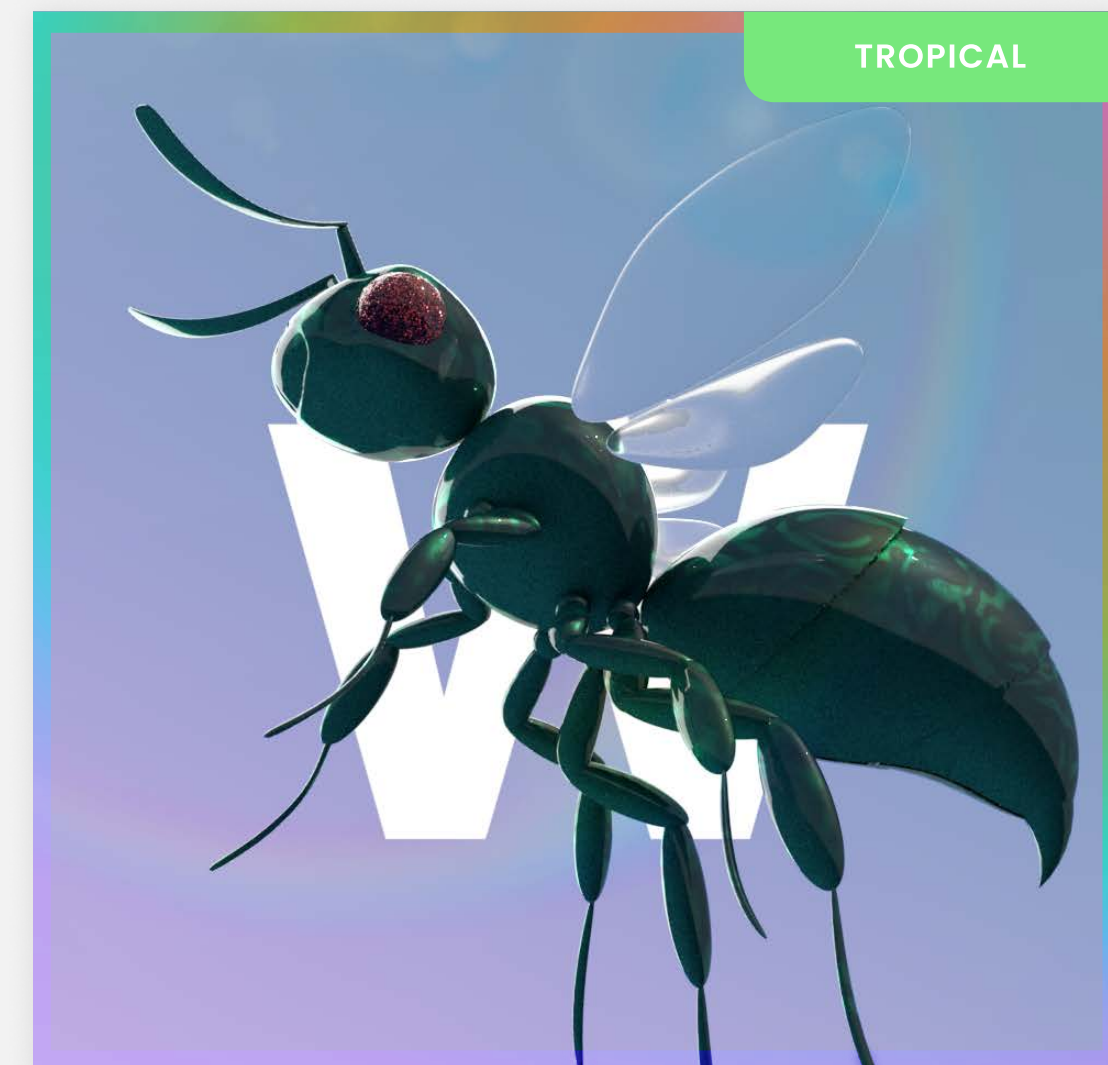
Emu

I am Emu. A bird 6 feet tall. 2nd tallest of them all.
I have tiny useless wings. I cannot fly, but I can swim.
I am hungry, I want a snack. Help me find the red-berried plant?



Nitre Bush

I am Nitraria billardiarei, a perennial shrub. I'm native to Austrailia and bear an ovoid fruit, they come in purple, red, and gold to boot!
I have red berries that birds like to eat, do you know a long-legged one I could meet?



Wasp

I am the Wasp. I like to eat, a fruit that's green, with insides pink. At its base I'll lay my eggs, and once they hatch the cycle begins again

COMPS

Final

Emu

Lens flares galore! It came a long way from the plain background in version 1.



GRASSLAND

Emu

I am an Emu, a bird 6 feet tall. Second tallest of them all. I have tiny useless wings, I cannot fly but I can swim. I am hungry, I want a snack. Please help me find the red-berried plant!

Final

Nitre Bush

This one didn't change too much aside from more polish. There were a ton of other variations in between though. Ultimately, simpler was better.



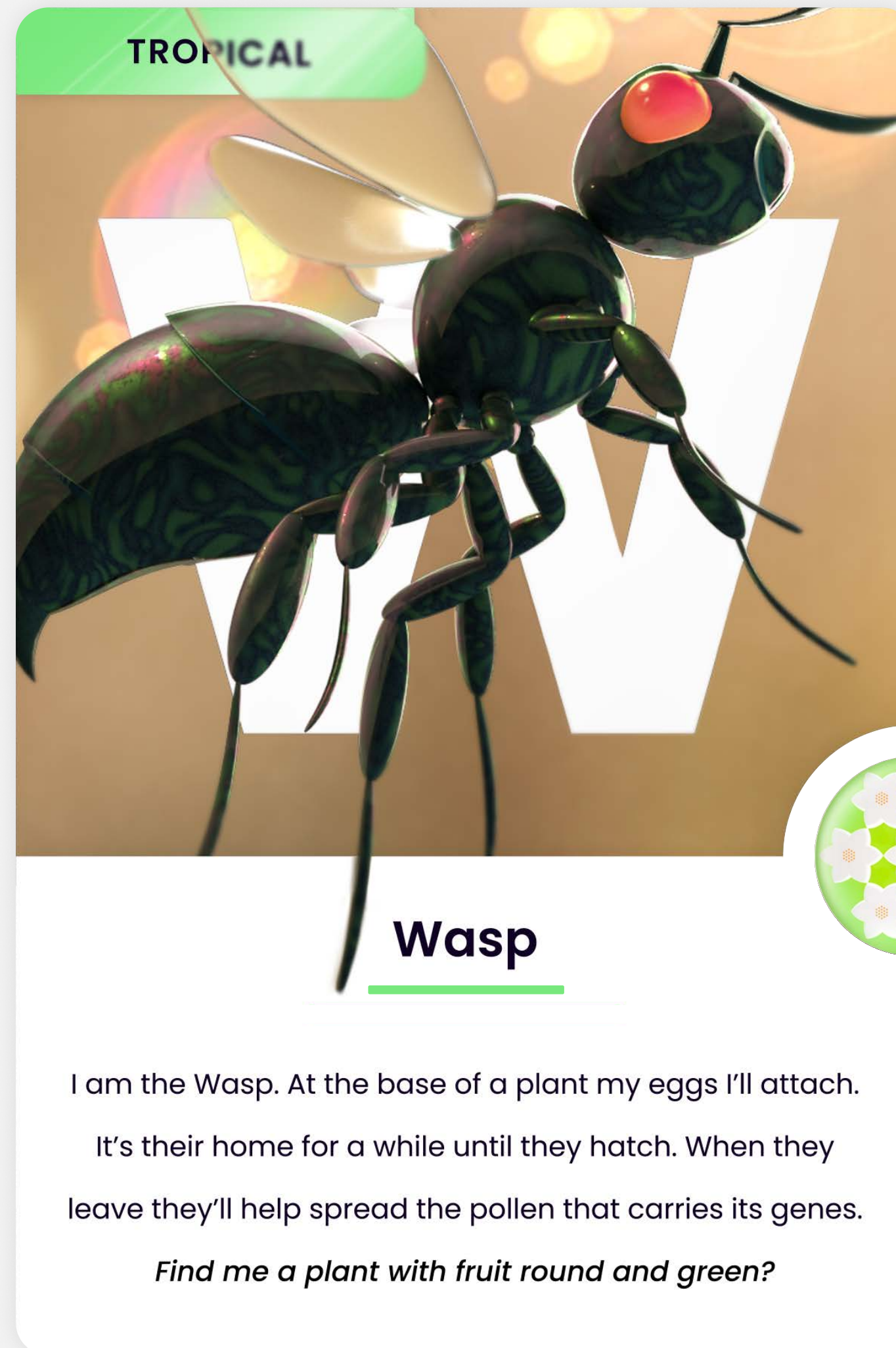
Nitre Bush

I am Nitre Bush, a perennial shrub. I bear ovoid fruit that come in purple, red, and gold to boot! *I have red berries that birds like to eat, do you know one with long legs I could meet?*

Final

Wasp

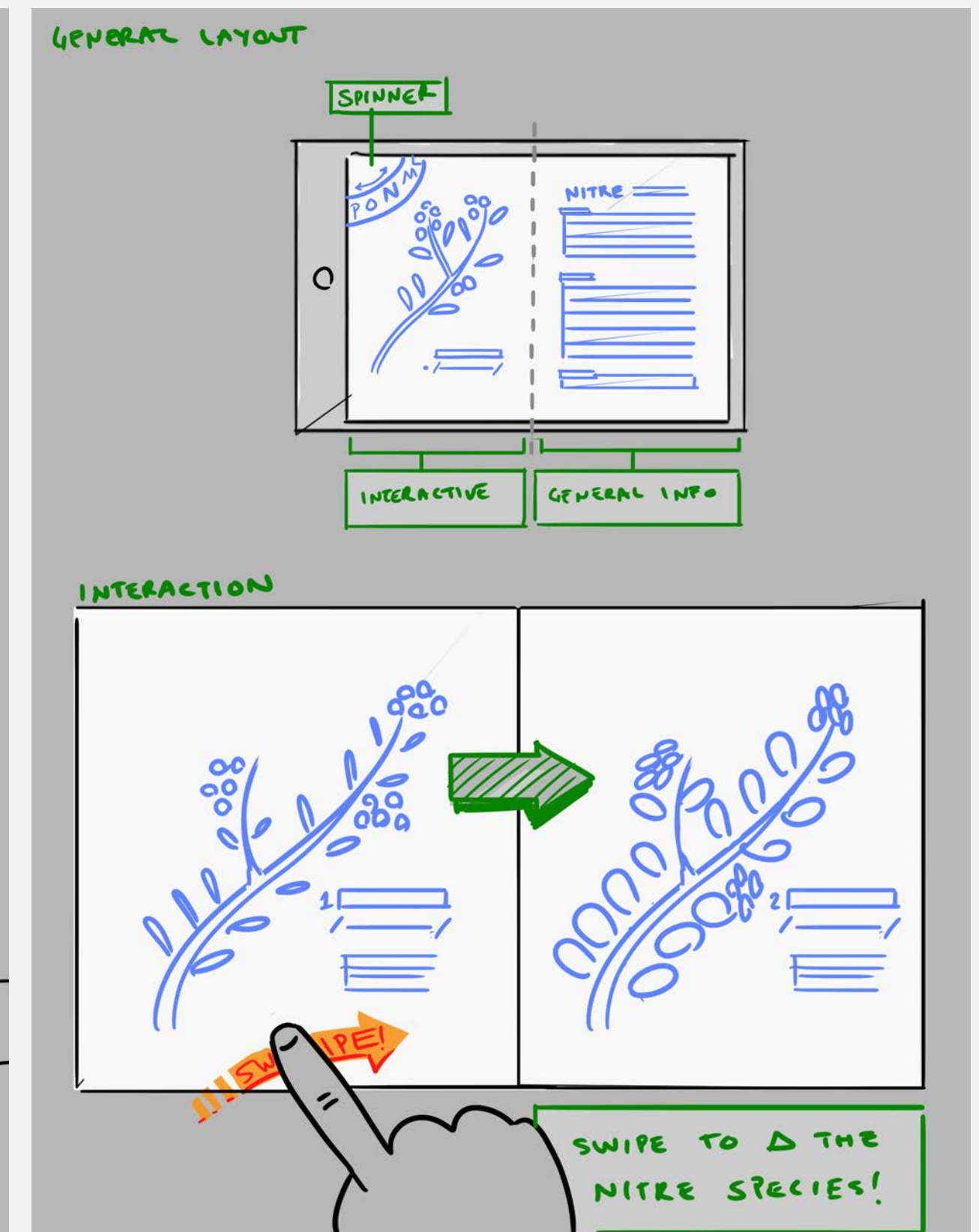
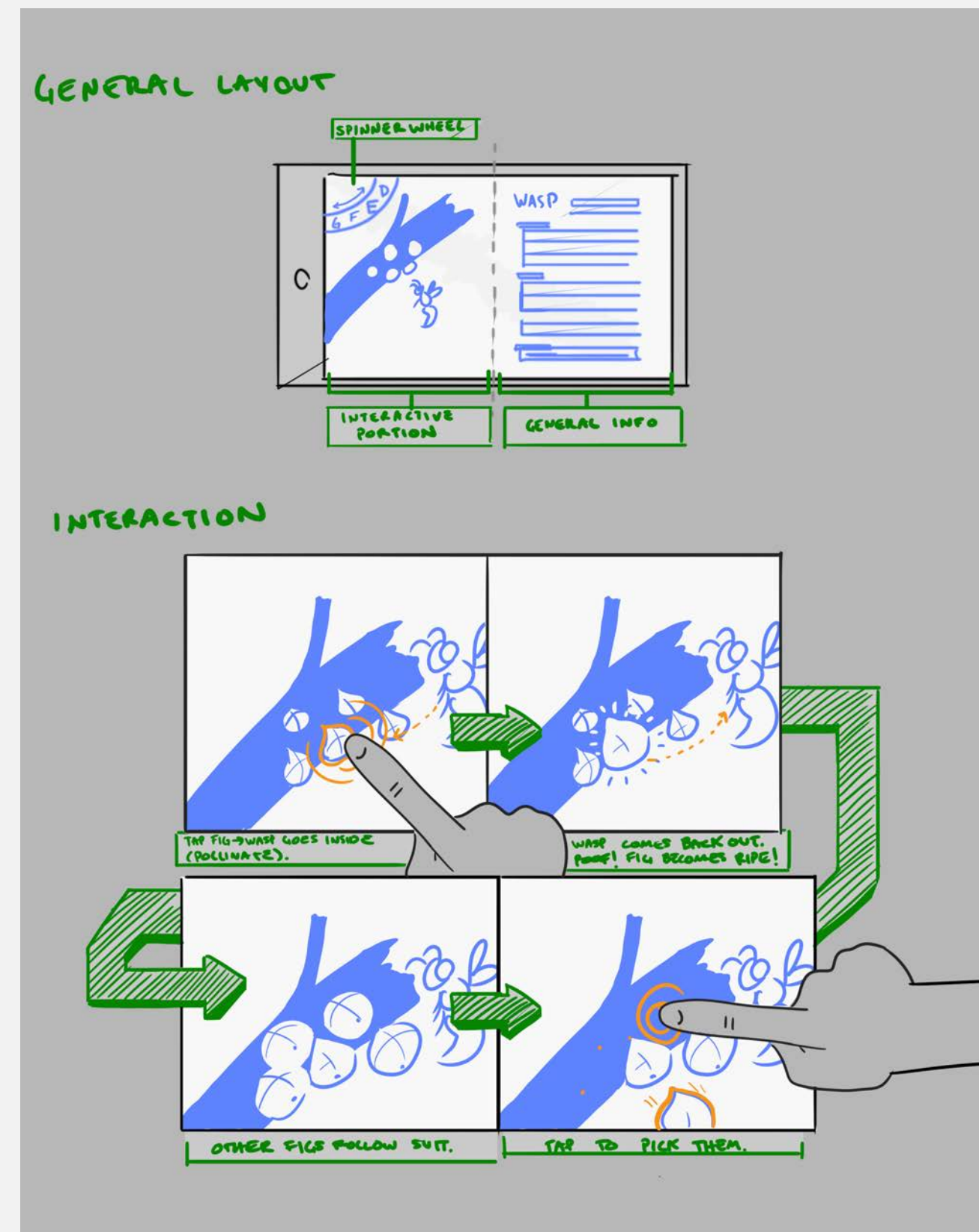
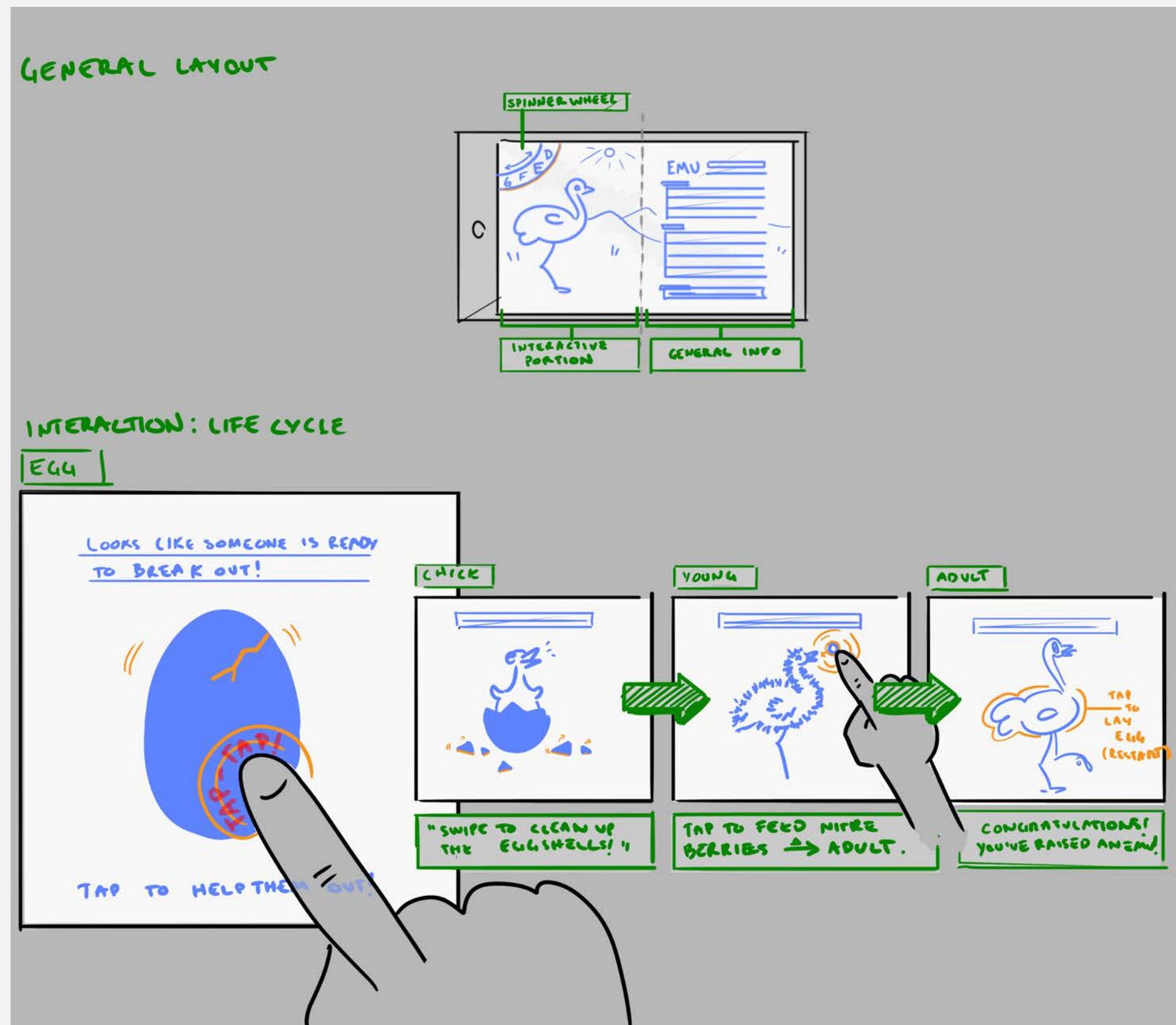
As far as iterations go, I liked the one with the purple background better, but for the sake of matching with my pair, the brown background works.



Interactions



Sketches



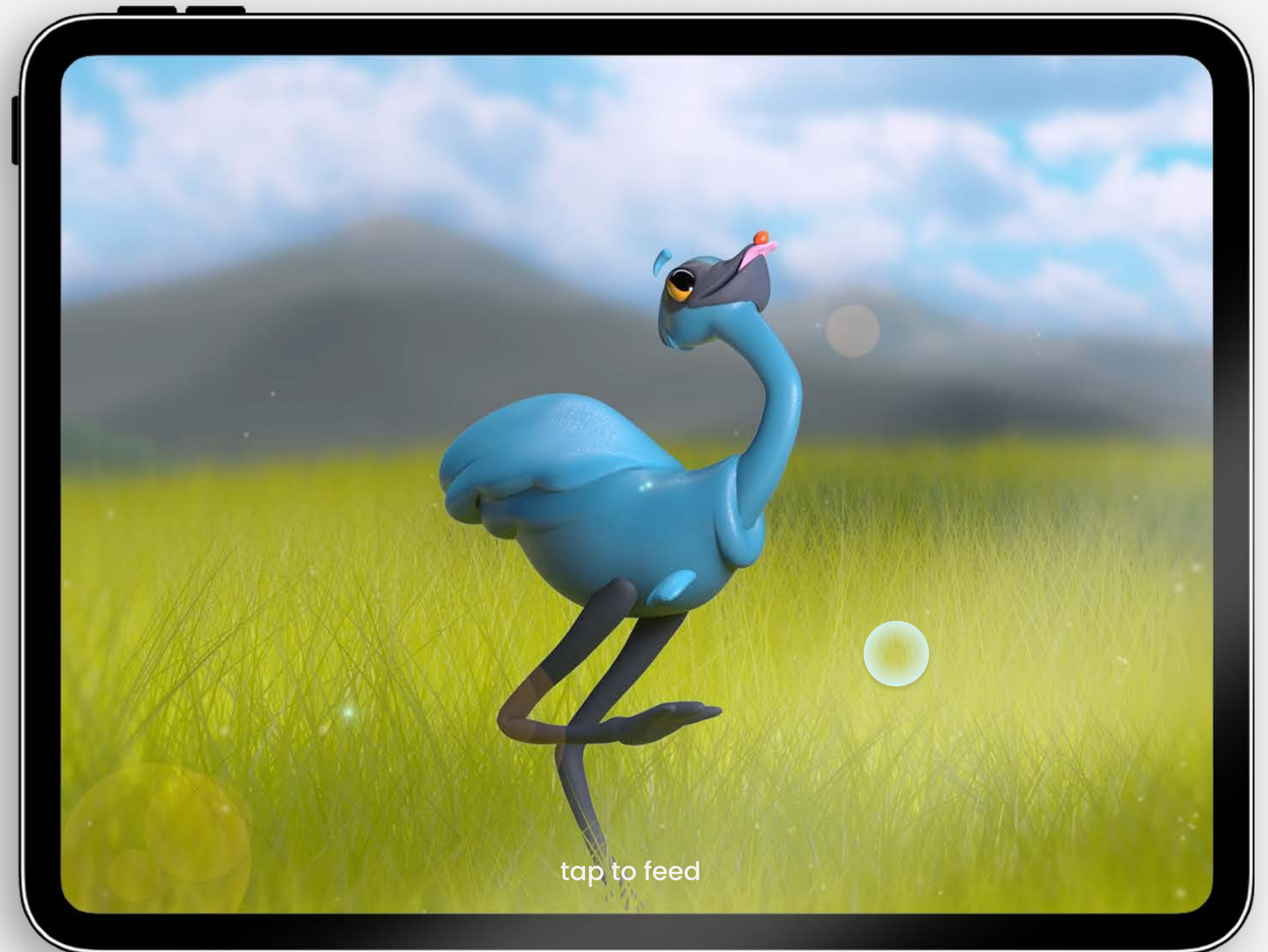
Reality Check

Time constraints, technical limitations, etc.
This didn't work out.

Final Interaction

Emu

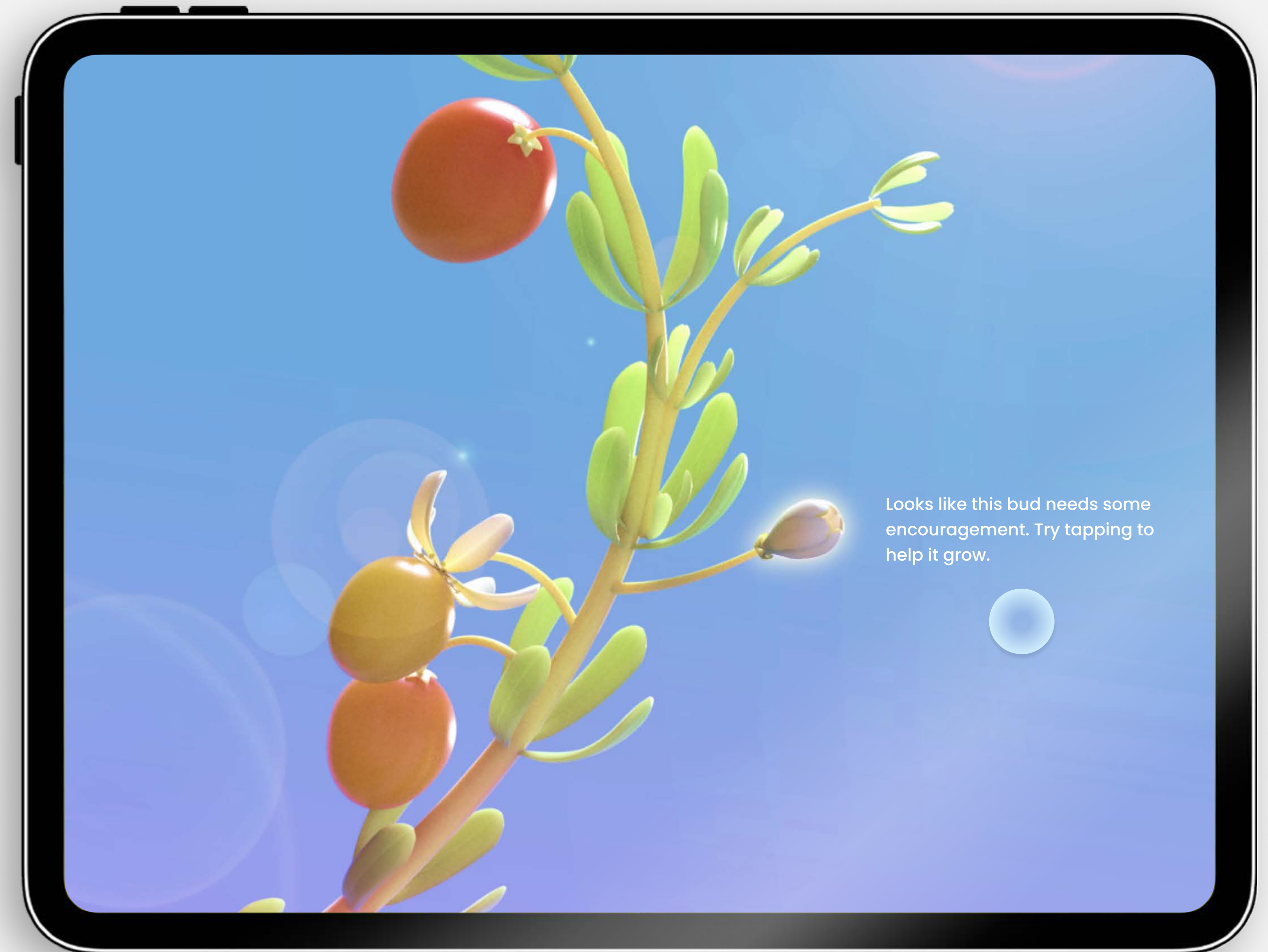
Tap the screen to feed the emu a Nitre berry. It loops and is a fairly small file.



Final Interaction

Nitre Bush

Tap the blossom to make it bloom! It goes through the cycle from the Nitre bush flower, to the berry.



Final Interaction

Wasp

Tap the screen to view a few different ways a wasp might! Educational, fun, and a little zany.



Works Cited

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Thank You :-)

