** Note: These are NOT a template. These are the plans & dimensions needed to draw out your Virtual Cat

2.5"

1"

1"

2.5"

3.5"

2.5"

1"

3.5"

3.5"

3.5"

3.5"

3.5"

3.5"

3.5"

1"

3.5"

1"

3.5"

1"

3.5"

3.5"

2.5"

3.5"

3.5

1.5"

3.5

1.5"

1"

3.5"

1"

3.5"

**micro:bit
Virtual Cat
Shell *Dimensions**

3.5"

2.5"

3.5"

1"

*Dimensions of the shell can be be modified to fit your own needs, design, and/or equipment used.

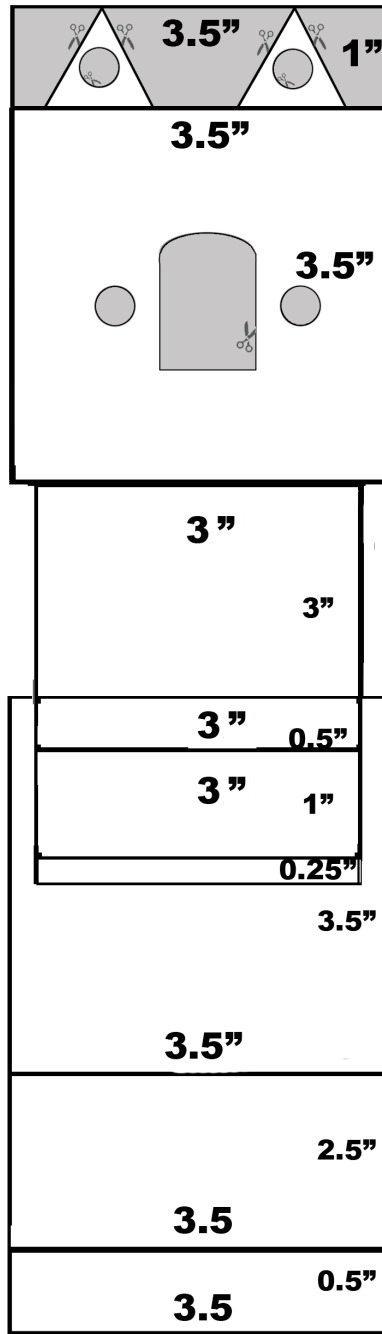**** Note: These are NOT a template. These are the plans & dimensions needed to draw out your Virtual Cat**
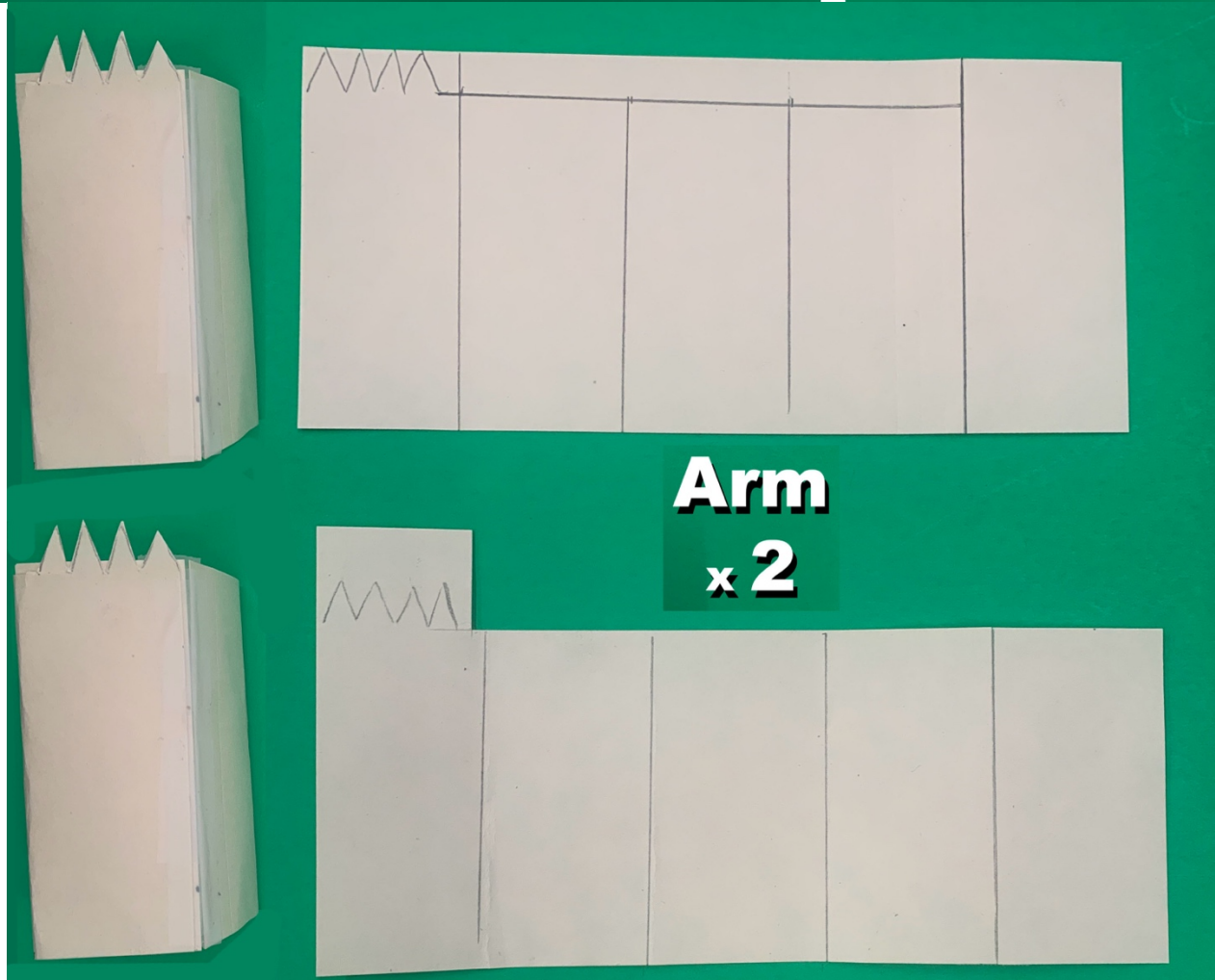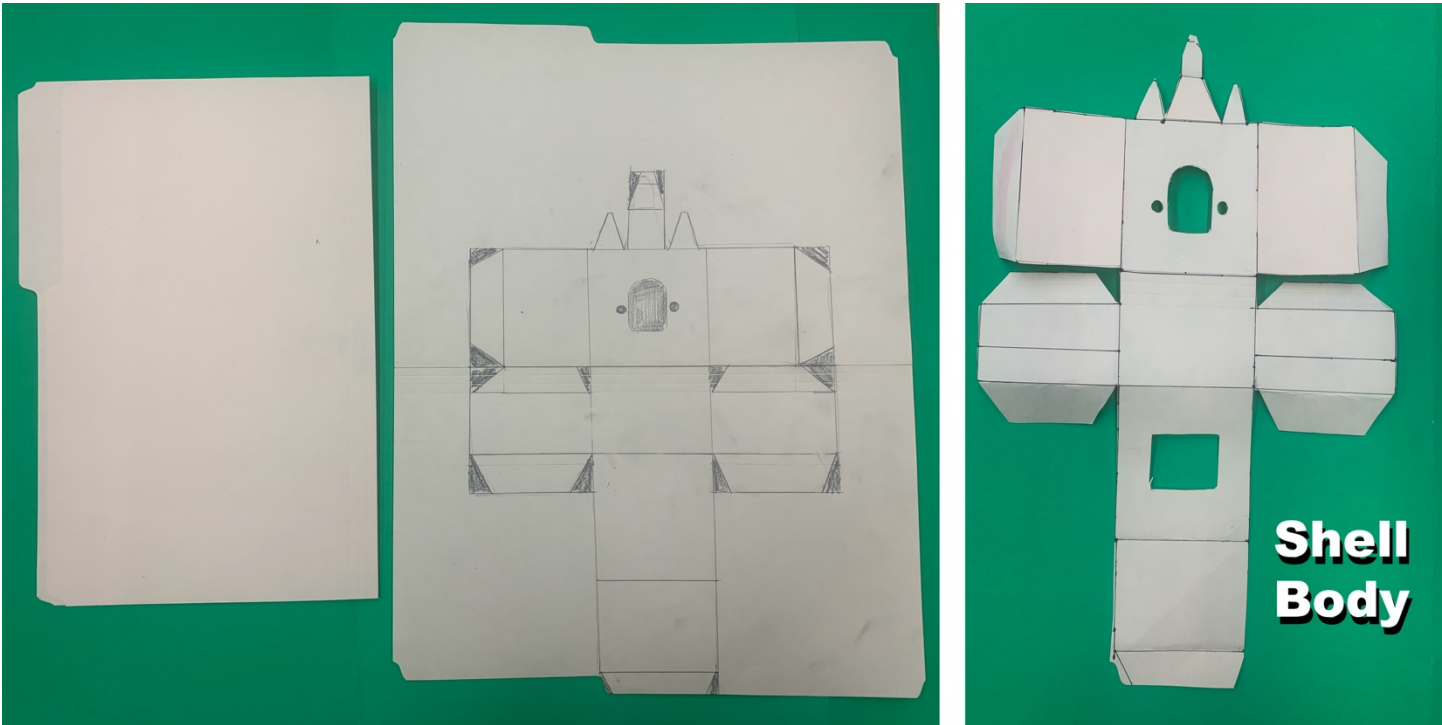
	Arms	
3.5" 1.75"		3.5" 1.75"
3.5" 1.75"		3.5" 1.75"
3.5" 1.75"		3.5" 1.75"
3.5" 1.75"		3.5" 1.75"
1.75"		1.75"

** Note: These are NOT a template. These are the plans
& dimensions needed to draw out your Virtual Cat

3.5"   1"

3.5"

3.5"

3"

3"

3"   0.5"

3"   1"

0.25"

3.5"

3.5"

2.5"

3.5

0.5"

3.5
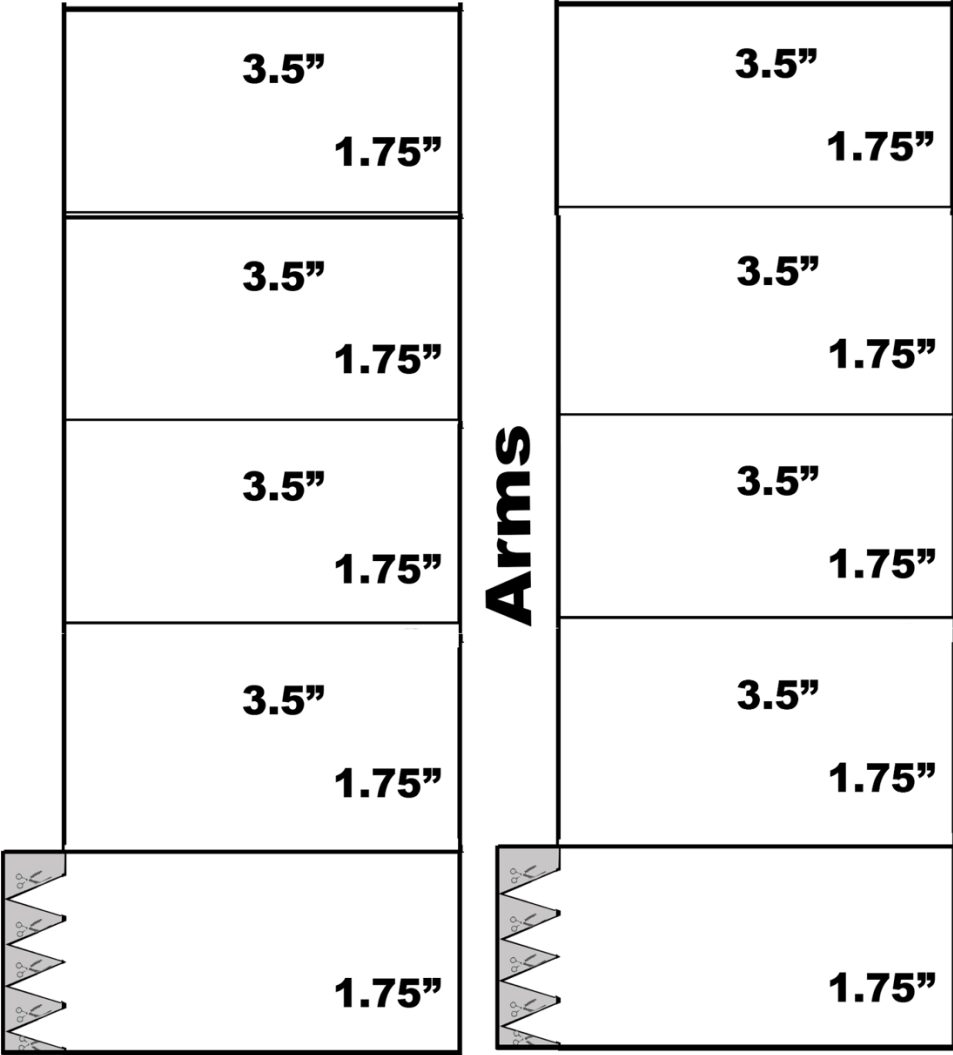
Optional:

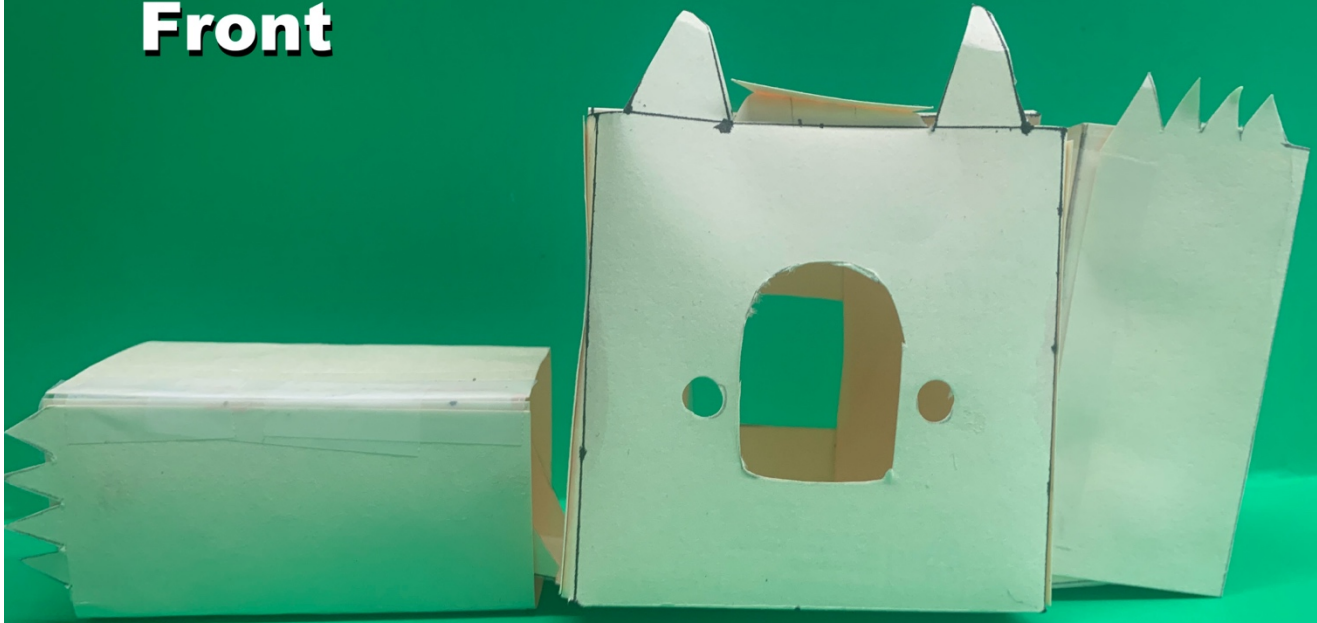# Virtual Cat Pal
Dimensions

** Note: These are NOT a template. These are the plans
& dimensions needed to draw out your Virtual Cat
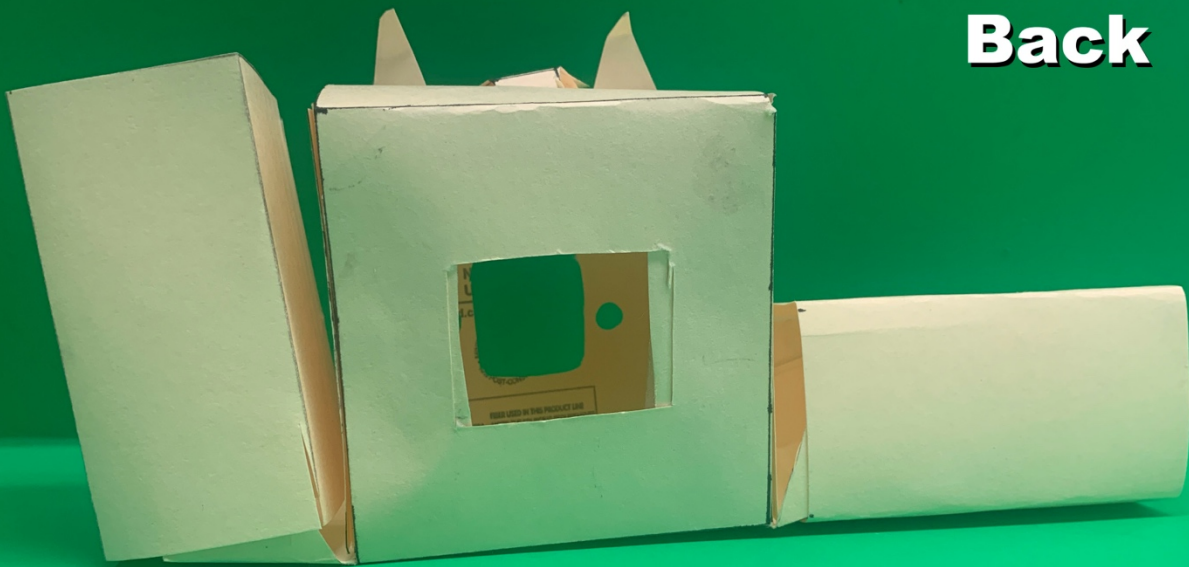
Shell Body

Arm x 2

** Note: These are NOT a template. These are the plans & dimensions needed to draw out your Virtual Cat

Front

Back

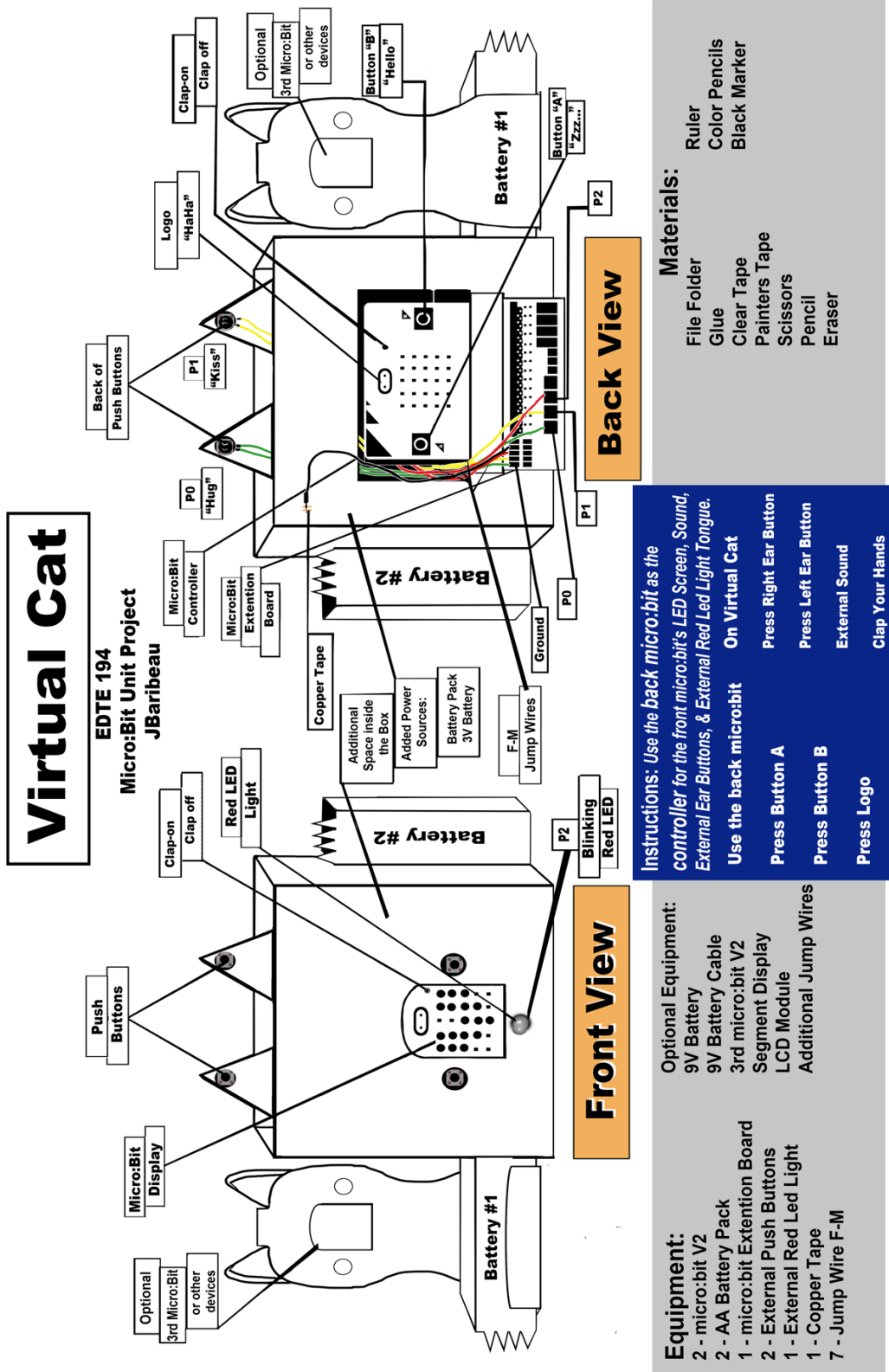## ** Note: These are NOT a template. These are the plans & dimensions needed to draw out your Virtual Cat

Virtual Cat
EDTE 194
Micro:Bit Unit Project
JBaribeau

Front View

Back View

Instructions: *Use the back micro:bit as the controller for the front micro:bit's LED Screen, Sound, External Ear Buttons, & External Red Led Light Tongue.*

Use the back micro:bit	On Virtual Cat
Press Button A	Press Right Ear Button
Press Button B	Press Left Ear Button
	External Sound
Press Logo	Clap Your Hands

Materials:

File Folder	Ruler
Glue	Color Pencils
Clear Tape	Black Marker
Painters Tape	
Scissors	
Pencil	
Eraser	

Equipment:
2 - micro:bit V2
2 - AA Battery Pack
1 - micro:bit Extention Board
2 - External Push Buttons
1 - External Red Led Light
1 - Copper Tape
7 - Jump Wire F-M

Optional Equipment:
9V Battery
9V Battery Cable
3rd micro:bit V2
Segment Display
LCD Module
Additional Jump Wires

Labels: Clap-on, Clap off, Optional 3rd Micro:Bit or other devices, Button "B" "Hello", Button "A" "Zzz...", Logo "HaHa", Back of Push Buttons, P1 "Kiss", P0 "Hug", Micro:Bit Controller, Micro:Bit Extention Board, Copper Tape, Additional Space inside the Box, Added Power Sources: Battery Pack 3V Battery, F-M Jump Wires, Red LED Light, Push Buttons, Micro:Bit Display, Blinking Red LED, Battery #1, Battery #2, Ground, P0, P1, P2

** Note: These are NOT a template. These are the plans & dimensions needed to draw out your Virtual Cat

Instructions: *Use the back micro:bit as the controller for the front micro:bit's LED Screen, Sound, External Ear Buttons, & External Red Led Light Tongue.*

On Virtual Cat

Use the back micro:bit

Press Button A — **Press Right Ear Button**

Press Button B — **Press Left Ear Button**

Press Logo — **External Sound**

Clap Your Hands

** Note: These are NOT a template. These are the plans & dimensions needed to draw out your Virtual Cat

micro:bit Virtual Cat

Equipment:
2 - Micro:Bit V2
2 - AA Battery Pack
1 - Micro:Bit Extention Board
2 - External Push Buttons
1 - External Red Led Light
1 - Copper Tape
7 - Jump Wire F-M

Optional Equipment:
9V Battery
9V Battery Cable
3rd Micro:Bit
Segment Display
LCD Module
Additional Jump Wires

Materials:

File Folder
Glue
Clear Tape
Painters Tape
Scissors
Pencil
Eraser

Ruler
Color Pencils
Black Marker