Quickstart (1)

NAME TAG

1. Select **Calliope mini in Extensions ▶ Boards**

2. Connect the Calliope mini to your computer via a **USB cable**

3. **Select** the Calliope mini in the “Connect Devices” menu
Preparing

Select a background

Select a character
You can find the blocks you need in the following categories:

**Events**

- `when` `flag` `clicked`
- `say` **Hi! What is your name?**

**Calliope**

- `when` `button` `A` `pressed`
- `display` **Emma**

**Looks**

- `think` **That is a lovely name** 🥰
Testing

Click on the starting flag.

Press **button A** on your Calliope mini.
Quickstart (2)

TRANSFORM YOUR CHARACTER

1. Select **Calliope mini** in
   Extensions ➤ Boards

2. Connect the Calliope mini to your
   computer via a **USB cable**

3. **Select** the Calliope mini in the
   “Connect Devices” menu
Preparing

Make something happen when you move the Calliope mini.

Choose a background

Select a character
You can find the blocks you need in the following categories:

- Calliope
- Looks
Testing

Click on the starting flag.

Shake your Calliope mini.
Quickstart (3)

MAKING SOUNDS

1. Select Calliope mini in Extensions ▶ Boards

2. Connect the Calliope mini to your computer via a USB cable

3. Select the Calliope mini in the “Connect Devices” menu
Preparing

Play a sound when you shake the Calliope mini.

Select a character
You can find the blocks you need in the following categories:

**Coding**

- **Calliope**
  - when shake
  - start sound Chee Chee
  - set pitch effect to 10

**Sound**
Testing

Click on the starting flag.  

Shake your Calliope mini.
Hint

You can click the sounds tab to view your character's sounds.

Click this button to add a sound from the sound library.
Quickstart (4)

FLOATING

1. Select **Calliope mini in Extensions ▶ Boards**

2. Connect the Calliope mini to your computer via a **USB cable**

3. **Select** the Calliope mini in the “Connect Devices” menu
Preparing

Let a character float over your monitor.

Select a character
Coding

You can find the blocks you need in the following categories:

- Calliope
- Sound
- Motion

HINT:
To float faster, enter a smaller number, e.g. 0.5
Testing

Click on the starting flag.

Shake your Calliope mini.
Quickstart (5)

PRESS BUTTONS

1. Select Calliope mini in Extensions ➤ Boards

2. Connect the Calliope mini to your computer via a **USB cable**

3. **Select** the Calliope mini in the “Connect Devices” menu
Preparing

Make something happen when you press a button on the Calliope mini.

Select a character

Select a sound

TIP: Pick a character with multiple costumes.
You can find the blocks you need in the following categories:

- Calliope
- Looks
- Sound

- when button A pressed
- next costume
- play sound Pop until done
Testing

Click on the starting flag.

Press **button A** on your Calliope mini.
Hint

You can find the blocks you need in the following categories:

Calliope
Looks
Sound

HINT: You can also record your own sounds.
Quickstart (6)

**JUMPING**

1. Select Calliope mini in Extensions ➔ Boards

2. Connect the Calliope mini to your computer via a **USB cable**

3. **Select** the Calliope mini in the “Connect Devices” menu
Preparing

Make a character jump up and down.

Select a character
Coding

You can find the blocks you need in the following categories:

- Calliope
- Control
- Motion

HINT:
Enter "-" here to move the character down.
Testing

Click on the starting flag.  
Shake your Calliope mini.
Quickstart (7)

MOVE FORWARD AND BACKWARD

1. Select Calliope mini in Extensions > Boards

2. Connect the Calliope mini to your computer via a USB cable

3. Select the Calliope mini in the “Connect Devices” menu
Preparing

Move a character from side to side as you tilt your Calliope mini.

Choose a background

Select a character
You can find the blocks you need in the following categories:

- **Events**
- **Control**
- **Motion**
- **Calliope**

**HINT:** Drag the "" block into the "set x to" block.
Click on the starting flag.

Tilt your Calliope mini.
Try out the different tilts.
Quickstart (8)

DRAW YOUR OWN EMOJI

1. Select **Calliope mini in Extensions ➤ Boards**

2. Connect the Calliope mini to your computer via a **USB cable**

3. **Select** the Calliope mini in the “Connect Devices” menu

Connect Device
/dev/cu.usbmodem...
Preparing

Design your own emoji and make it appear at the touch of a button.

Select a character
Add a **display pattern** block. Check what pattern already exists or draw your own emojis.

Add another **display pattern** block. Try out what can be drawn with **25 grid points**.
Coding

You can find the blocks you need in the following categories:

Insert a **button event**. Enter the code for **button A**.

```
when button A pressed
display pattern
```

Add another **button event code** block. Change the button to **B** and enter the code for **button B**.

```
when button B pressed
display pattern
```
Testing

Click on the starting flag.

Press **button A** and then **button B** on your Calliope mini.
If you have any questions, please do not hesitate to contact us.

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or by e-mail: info@calliope.cc