

An Introduction to Scratch Coding

By



In Partnership With

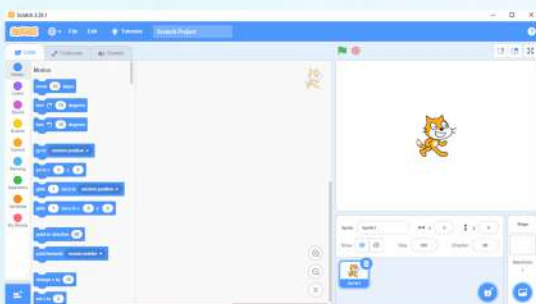


UNLEASH YOUR CODING SUPERPOWER WITH FULANI WOMEN DRESS-UP



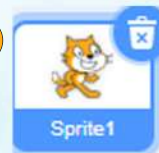
Welcome to the fun-filled world of Scratch coding, where we'll explore the amazing attire of Nigeria's Fulani women! Get ready to play and learn as we use head beads, waist beads, bracelet and calabash to dress up our virtual Fulani Women character.


SCRATCH ENVIRONMENT



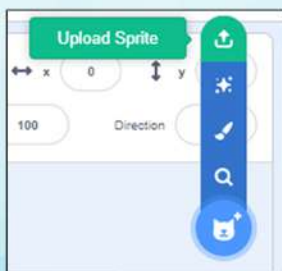
Scratch coding environment is used for creating interactive projects such as arts, games, stories, animations, etc. In this activity, we'll use Scratch environment to dress up a Fulani woman.




1



In this project, we don't need cat character. Appreciate the cat, click on the cat and click  to remove the cat.

2

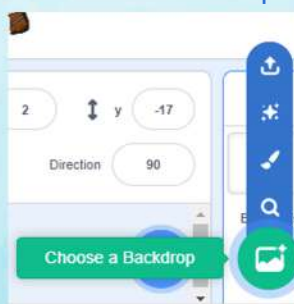


Move your mouse over to the sprite menu  and give it a click. Choose the beautiful Fulani woman from "Dressup" folder in your computer by clicking  or draw your own fulani woman by clicking .



Repeat the steps above to upload head bead, waist bead, calabash, and bracelet from your computer.



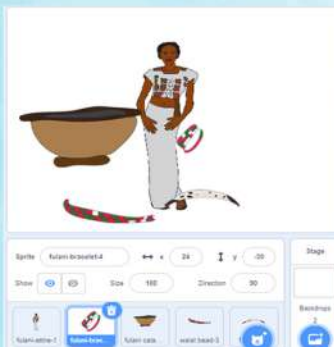
Choose Backdrop



Now, create a stunning backdrop for your scene.

Move your mouse over the  backdrop and select a captivating background , or let your creativity soar by painting your own unique backdrop. You can even choose a backdrop from your computer to make the scene truly special.

3





4




UNLEASH YOUR CODING SUPERPOWER WITH FULANI WOMEN DRESS-UP (CONT'D)


Get Set For Coding Excitement ?

Goal: When the  clicked, move the Fulani woman character to the center. Move all the jewelry pieces to random x and y axis on the stage. If any of the jewelry pieces are clicked, move them smoothly to dress up the Fulani woman character


5  → Click Fulani character

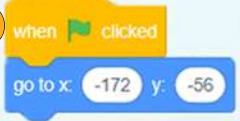

6  Repositions the character layer to the back
Moving the character to the center.

Steps:

1. Click on the fulani character
2. Locate and click on the  button
3. Drag the code that correspond to her character to the scripts area

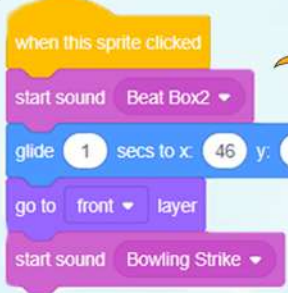

Then, repeat the steps for other characters



7  Click on calabash

8  Re-position the calabash when the  clicked

10 Click on bracelet

11  The code set the size of the bracelet to 100% and position it

9  This code will produce a sound when the calabash is clicked, Feel free to change it to your preference,  code make it to move smoothly to the Fulani woman's head and make a sound when it reaches the correct position.

12  This code will produce a sound when the bracelet is clicked, Feel free to change it to your preference,  it to move smoothly to the fulani woman's wrist, reduce the bracelet size to 40% to fit in the wrist, and make a sound when it is done.

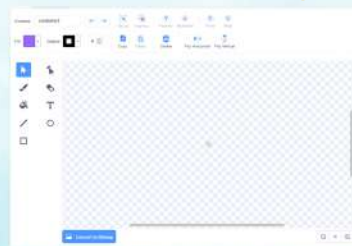
12 Add-on





To fully dress up the fulani woman, you should repeat the previous steps for other jewelries. This will add more flair and elegance to her appearance. Imagine the stunning picture of her in complete attire radiating beauty and cultural richness.

Check a 'dress up' folder on your computer to see the complete beautiful Fulani woman fashion animation or visit bit.ly/fulaniwoman


Feel free to remix this project. Let's dive into a world of creativity together!

Painting Tips




Move your mouse over the  and click  to create your own sprite, or move your mouse over  and click  to create your own backdrop.

Let's have fun

Now let your imagination soar! Consider creating your local attires for different characters using  tools, and bringing them to life with superpower code. You have the power to animate these characters, showcasing their unique styles and traditions

Improve Your Design and Creative Coding skills

- Click on  from the scratch environment menu bar for more tutorials
- Visit bit.ly/scratchcardstutorial to download the pdf format of the scratch tutorials
- Visit scratch.mit.edu to create online project, share your beautiful projects and explore innovative projects from your peers.

Note

All the character images used in this guide, as well as images of other Nigerian attires character and tourist centers, have been saved locally on your schools computers and made available online. The resources are ready for your use, so feel free to access them.

Visit bit.ly/eccrfiles to download the resources.

