

6.1 Dancing Indians

Intro

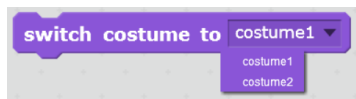

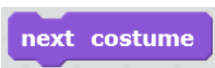

After arriving at the forest, Mike came across a bunch of friendly aborigine who were celebrating a local festival. Mike was invited and became friends with them. Look, Mike was dancing!



Task

1. Import the costumes of an aborigine and program him to dance.

Start Learning

Block	Explanation	Example
	Switch costume to costume...	
	Switch to the next costume. (Note: If the sprite's current costume is its last costume, the program will switch the costume to the first one automatically)	

★ Practice



Upload multiple costumes and program a script which enables the costumes to switch randomly.


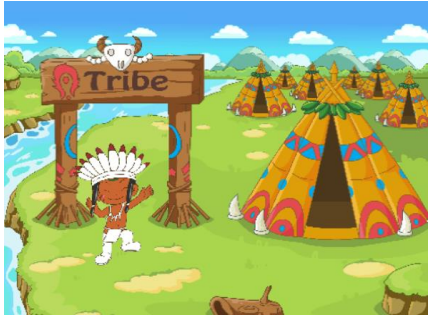
Achieve

Program the aborigine to dance and walk simultaneously. Upload the sprite "Male

Aborigine.gif" and import "Tribe.png" from local file.



Note: the first costume of the male aborigine comes with white background. Use

"Fill with Color"  to fill the background with "Transparent" .

Sprite	Program	Effect
 <p>Male Aborigine</p>	<pre> when clicked go to x: 0 y: -50 switch costume to Male Aborigine-0 set rotation style left-right point in direction 90 forever next costume wait 0.2 secs move 10 steps if on edge, bounce </pre>	

Additional Training

Design a "Z" dance as the opening and then enable the aborigine to dance and walk simultaneously.

Sprite	Program	Effect
 <p>Male Aborigine</p>	<pre> when clicked go to x: -120 y: -30 glide 3 secs to x: 160 y: -30 glide 3 secs to x: -165 y: -100 glide 3 secs to x: 135 y: -100 forever move 10 steps if on edge, bounce wait 0.2 secs </pre> <pre> when clicked switch costume to Male Aborigine-0 set rotation style left-right point in direction 90 forever next costume wait 0.2 secs </pre>	 <p>(the red line represents his path)</p>

Homework

1. Design more opening dances, such as M shape, H shape, and add the subsequent dance after the opening.
2. Upload "Female Aborigine.gif" and replicate to more sprites to create a group dance!

What You've Learnt?

Adventure Diary (Self-Assessment)

Gas Station (Other's Assessment)