

Remix Challenge – A Delightful Dance



Explore – Check out the [Break Dance](#) lesson. Build the model and practice coding. Then, try this remix challenge!



Remix means to create a new and different version of something. You can remix a song, a product, or in this case a LEGO® model and code.



Extend – Research different dances that have significance in different cultures. Can you program your dancer to match some of the dance moves of a particular dance style? Alternatively, explore beats in terms of fractions to incorporate math skills.

Challenge – Can you **remix** your Break Dancer to generate a different dance for each color? Code the dancer to start a new rhythm, beat, and light pattern when the Color Sensor detects a new color. See how many different dances you can program. Can you match the mood of each dance to a color?

