# Scratch logo and symbol, meaning, history, PNG

**Lizard Mosaic**

Register/login at <https://scratch.mit.edu>

*Learn how to use the* ***mosaic*** *effect.   
A mosaic is an image made from tiles.*

1. Download the image from: <https://codeclub67.github.io/images/lizard104.gif>
2. Create a new sprite with lizard104.gif
3. Set the size of the sprite to 50%

*The sprite is like a jigsaw piece. The sides interlock with each other.*

1. Duplicate the sprite so you have **four** of them.
2. A black and white pattern of fish

   AI-generated content may be incorrect.Drag the sprites so they interlock like jigsaw pieces as in the picture below.

*You can make a sprite tile all by itself.*

1. Save your project and create a new one.
2. Download another image from: <https://codeclub67.github.io/images/mosaic104.gif>
3. Create a new sprite with mosaic104.gif
4. Create a new variable called **tile**
5. Click the checkbox next to the variable to show it.
6. A white and orange rectangular object with a number

   AI-generated content may be incorrect.Right-click on the variable on the screen to turn it into a slider.
7. A screenshot of a computer

   AI-generated content may be incorrect.Add this code to set the **mosaic** effect using the tile variable.
8. Click on the green flag to run it.

*When you increase* ***tile,*** *the image shrinks and repeats. First 2x2, then 3x3, 4x4, 5x5, and so on…*

*This example is based on* ***Lizard (№ 104)*** *by artist M.C. Escher.*

*Remember to* ***Save*** *your code with a good name.****File > Save now***