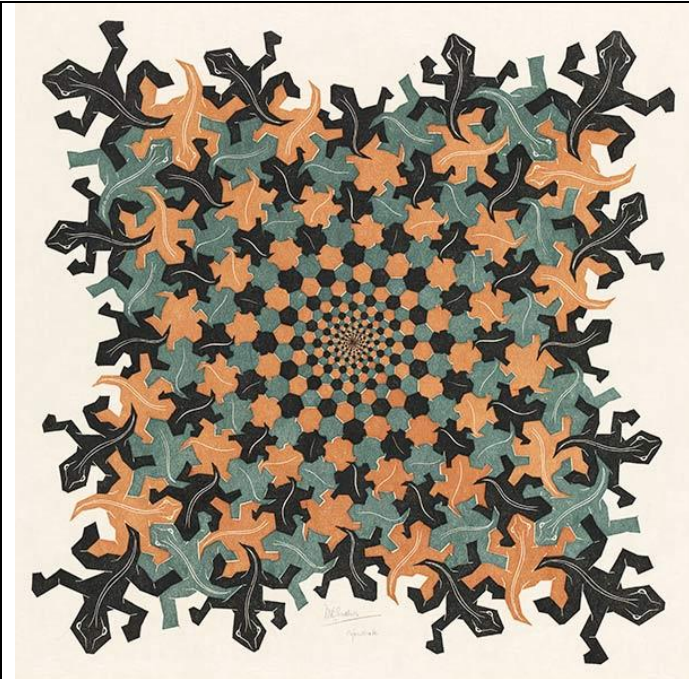


# TESSELLATIONS



M.C. Escher was a Dutch artist who is famous for his mathematically inspired prints. Escher frequently incorporated geometry into his art work. One common practice of Escher's was to create mesmerizing pictures using Tessellations.

A *tessellation* is a repeating pattern of polygons that covers a plane with no gaps or overlaps.

For this Bonus, I want you to make your own tessellation. Follow the links below for instructions. Be creative!

How to tessellate:

1. Step by Step:

<http://www.tessellations.org/methods-diy-slice-ex1-01.shtml>

2. Video Instructions:

<https://www.youtube.com/watch?v=dF1nvLqK9wI>

Try out simple tessellations using an online creator: (**Caution:** I'll be more impressed by a hand drawn tessellation.)

1. <http://illuminations.nctm.org/Activity.aspx?id=3533>

2. <http://www.shodor.org/interactivate/activities/Tessellate/>

For more information on M.C. Escher and his art, check out this link:

<http://www.mcescher.com/>