LABBEASY

Lizard-Puzzle

Templates for different ‘Escher-Lizards’ that you can print, color in, cut out, and tessellate

PDF 4051-EN

Lizard-Puzzle

PRINT SETTINGS

Please use Acrobat Reader to print and make sure that the settings 'Actual size' and 'Auto portrait/landscape' are selected.

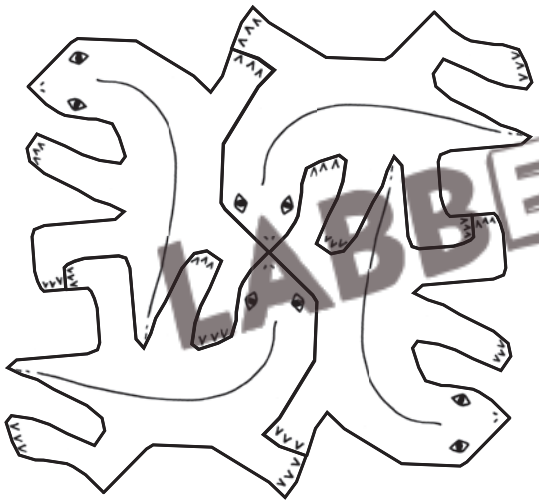
SAVE PAPER & TONER

Only print out the pages you need.

INTRODUCTION

Lizard-Puzzle

In math, we use the term 'tessellation' to describe a surface that consists of shapes fitted closely together without gaps or overlapping. You see this in everyday life where use simple, uniform shapes in a repeated pattern to cover a surface, such as parquet floors, wall tiles, paving slabs or mosaics.

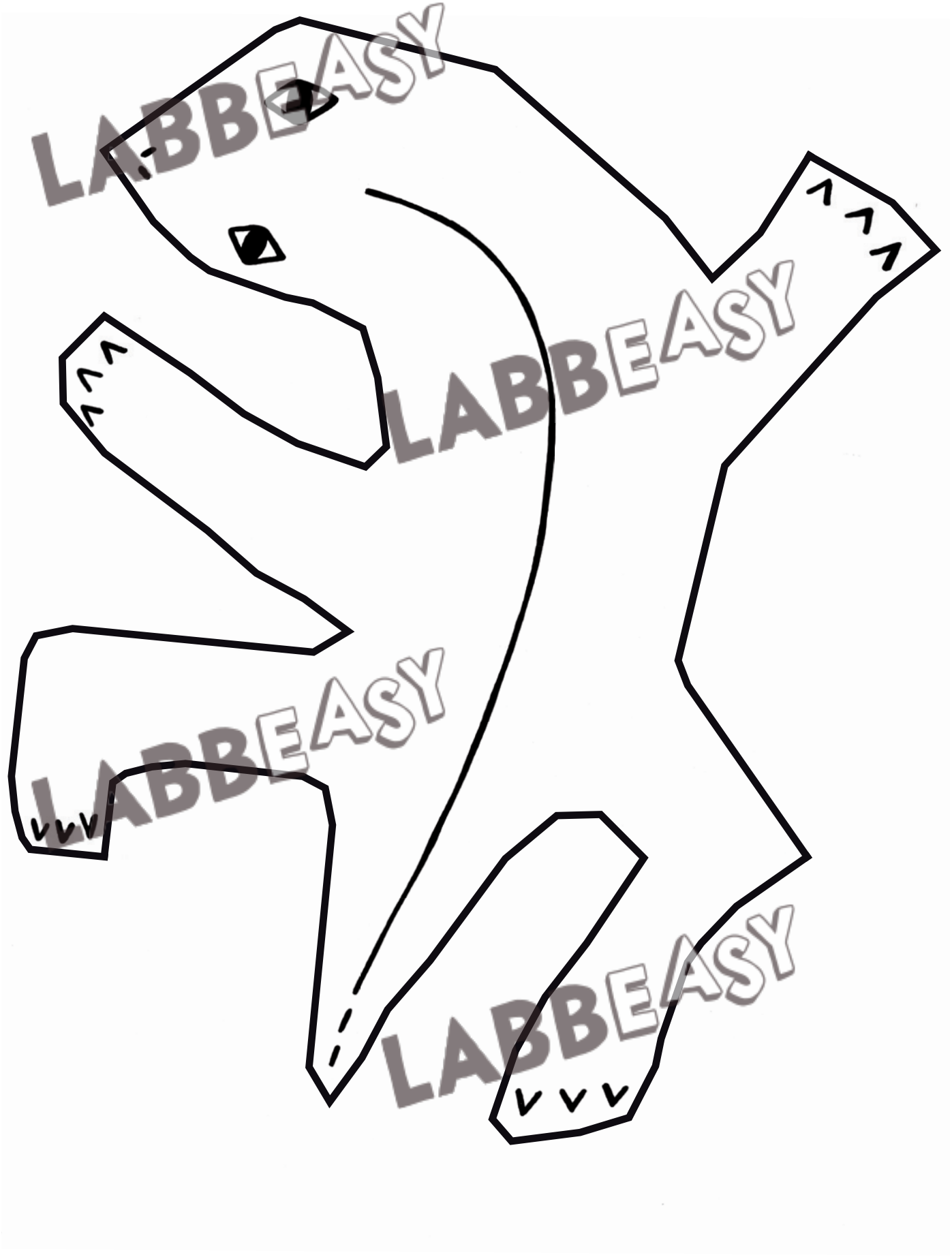


The genius graphic designer M. C. Escher (1898 - 1972) developed this technique further, using uneven shapes to create fantastic works of art. He drew'tiles' that weren't square but rather they were shaped like reptiles, birds, plants and even sometimes people, which always interlinked without gaps. The construction of such a tessellation with a 'cyclical division of surfaces' is a complicated, mathematical undertaking. In order to create such a picture, all of the identical tiles have to be be placed next to each other so that they fill the area without gaps and overlaps... Just like our large-scale lizard puzzle!

The lizards are colored in, cut out, and glued together to form a large interlocking puzzle – a project that's wonderful for collaborative work!

Micha Labbé

Lizard-Puzzle - large



Lizard-Puzzle - large