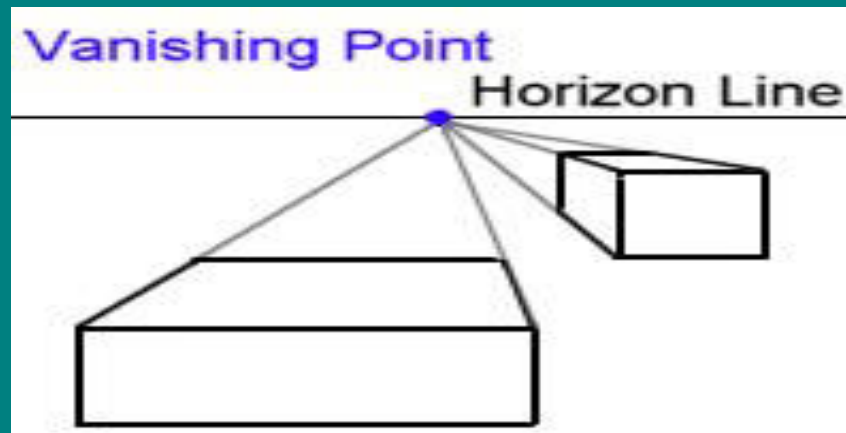


Perspective Drawing

Understanding Linear Perspective

Objective

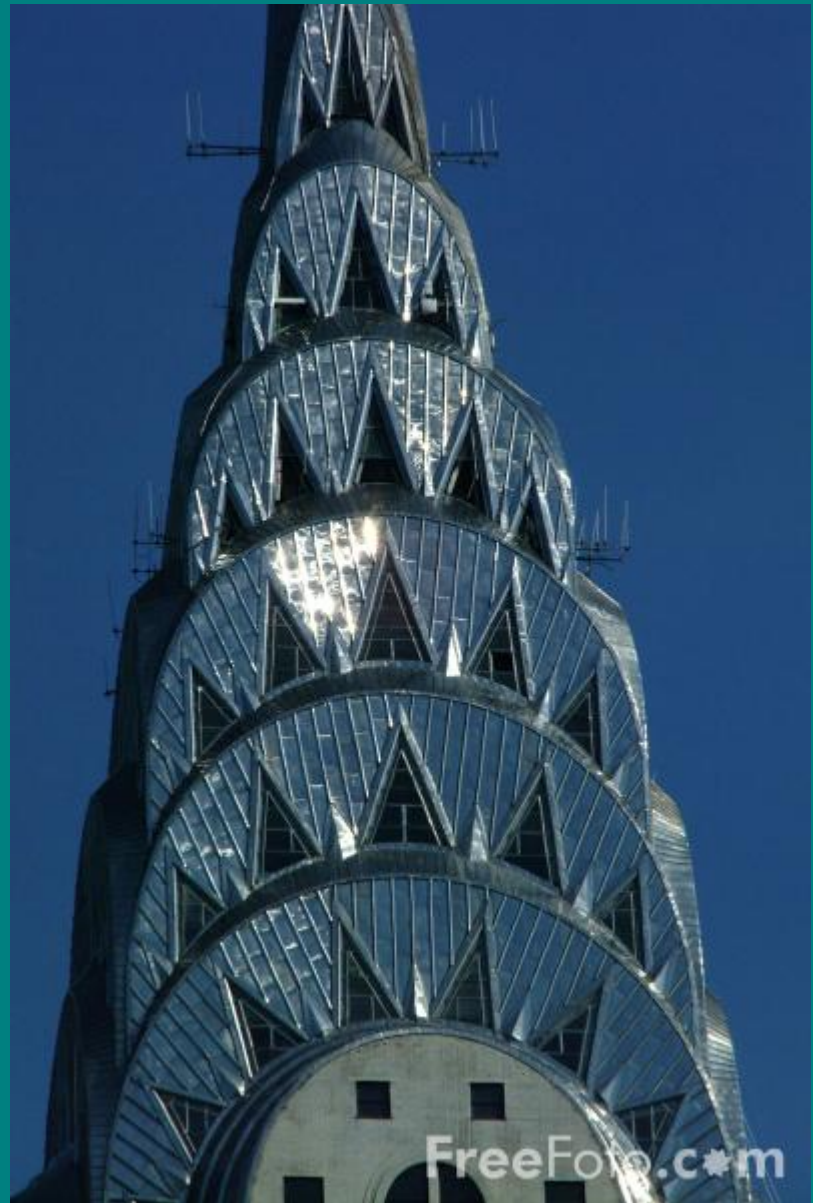
- Learn and understand how to create shapes using linear perspective.
- **Supplies:** Paper, ruler, pencil.





HowardDigital.com

PURCHASE THE FULL HIGH-RES IMAGE FROM HOWARDDIGITAL.COM 1-888-867-6867



FreeFoto.com



Photo: Tourism Australia







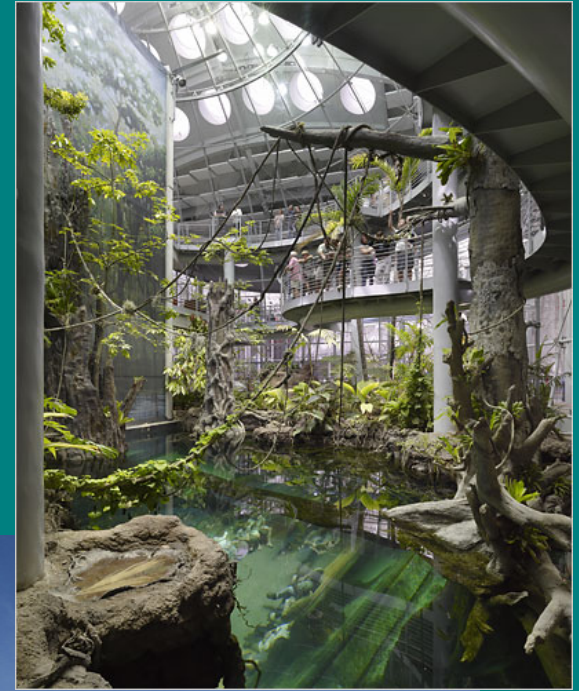
Harvest Boon



- In the eastern Netherlands, resourceful recyclers 2012 Architects, Jan Jongert and Jeroen Bersma, have built a house almost entirely out of locally sourced scrap, from old billboards to broken umbrellas.

Buildings That Astonish

- California Academy of Sciences, San Francisco- No it's not Middle-earth- it's middle California, where the innovative Italian architect Renzo Piano unified a multi-building campus in 2008 by covering the structures with a two-acre "living roof." Porthole windows illuminate the interiors of the buildings.



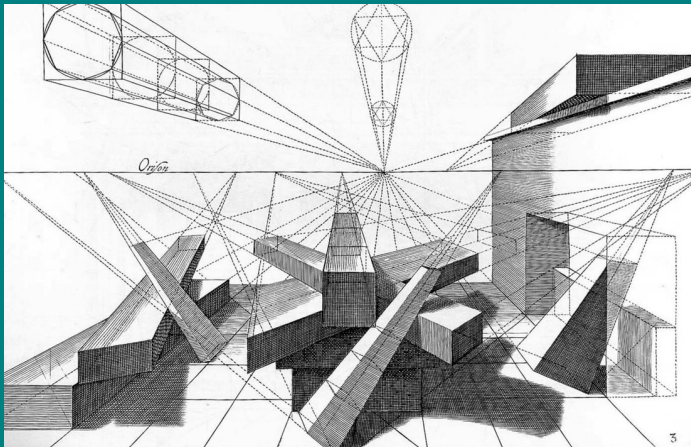
Using Perspective

- helps to create a sense of depth -- of receding space.

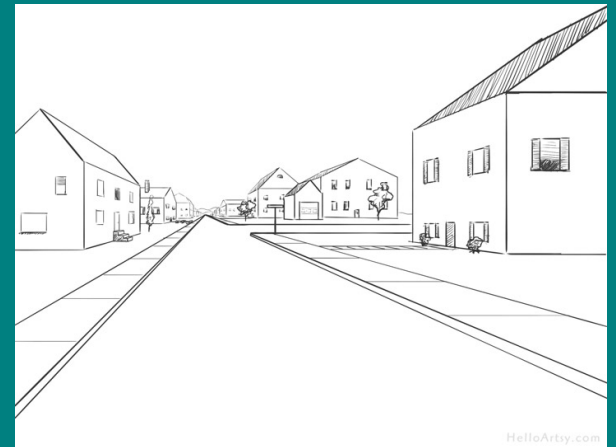
aerial perspective

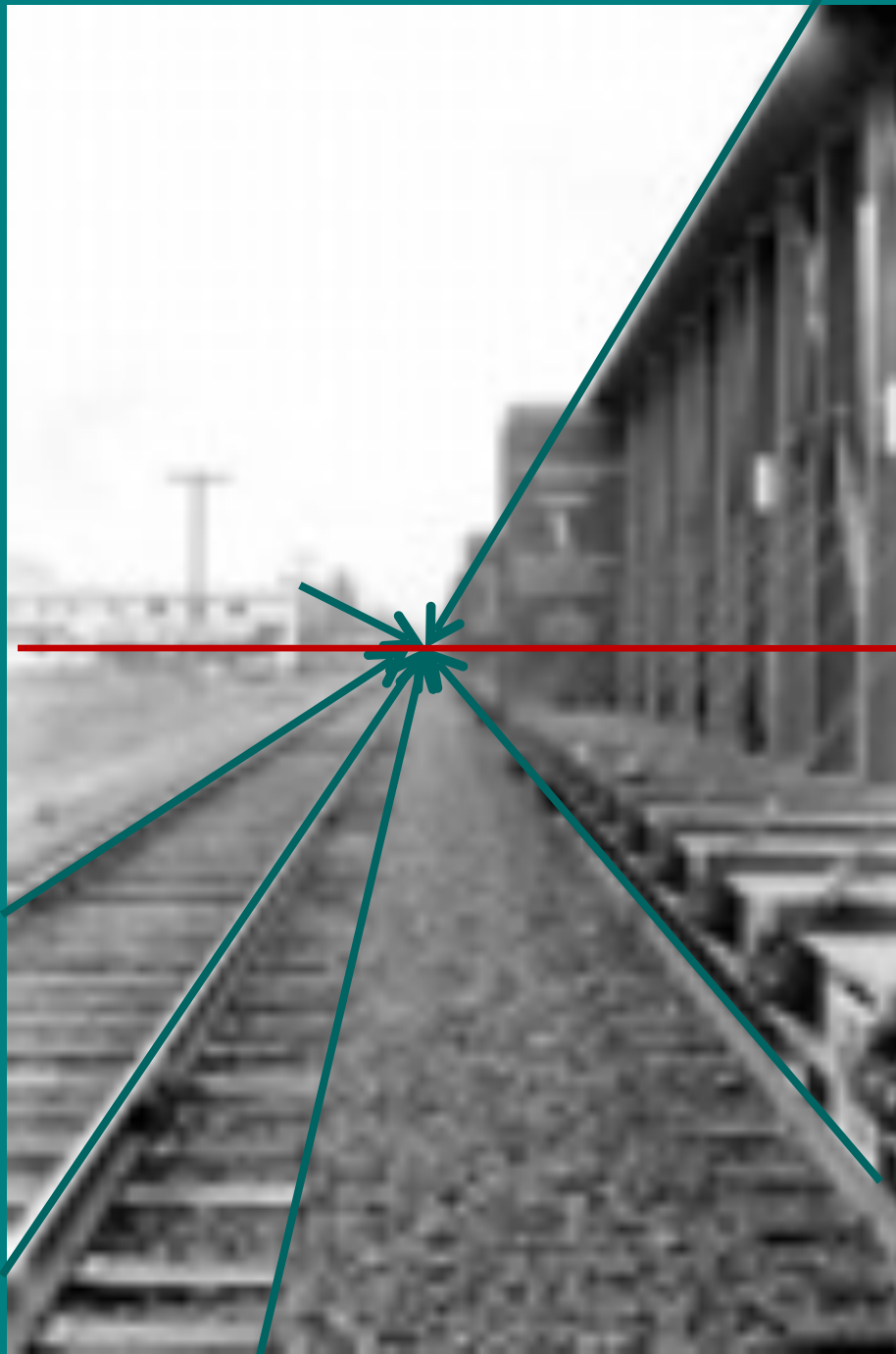


herringbone
perspective



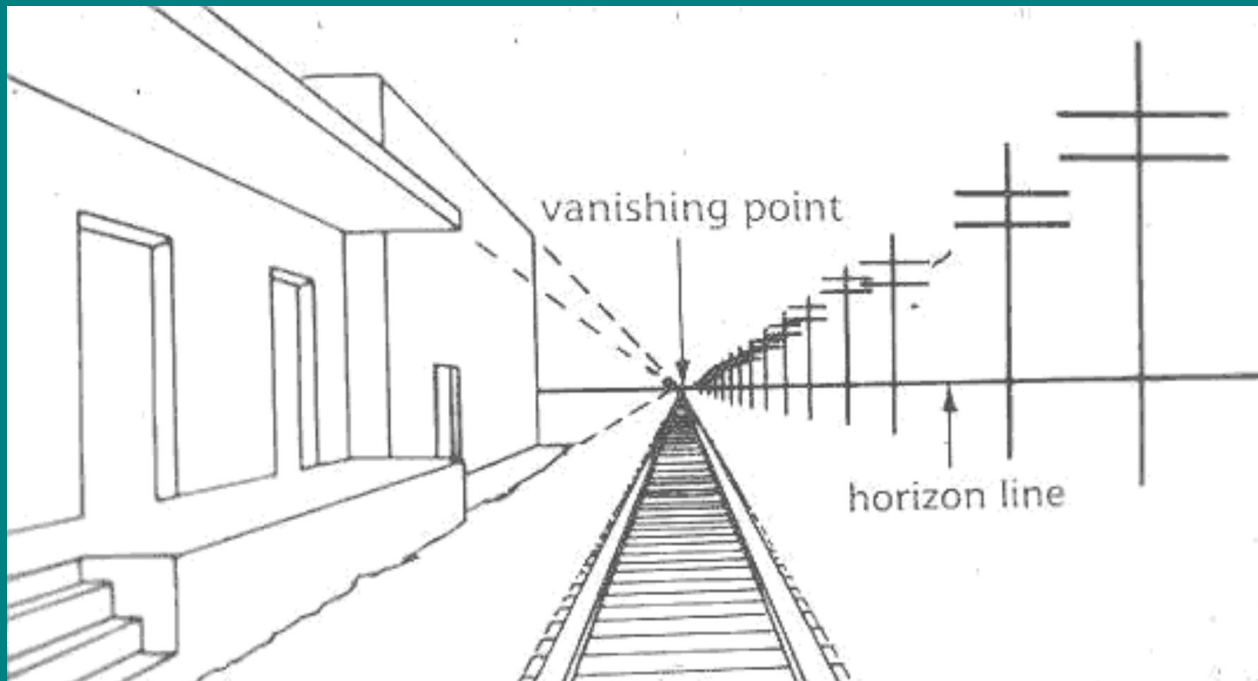
linear
perspective



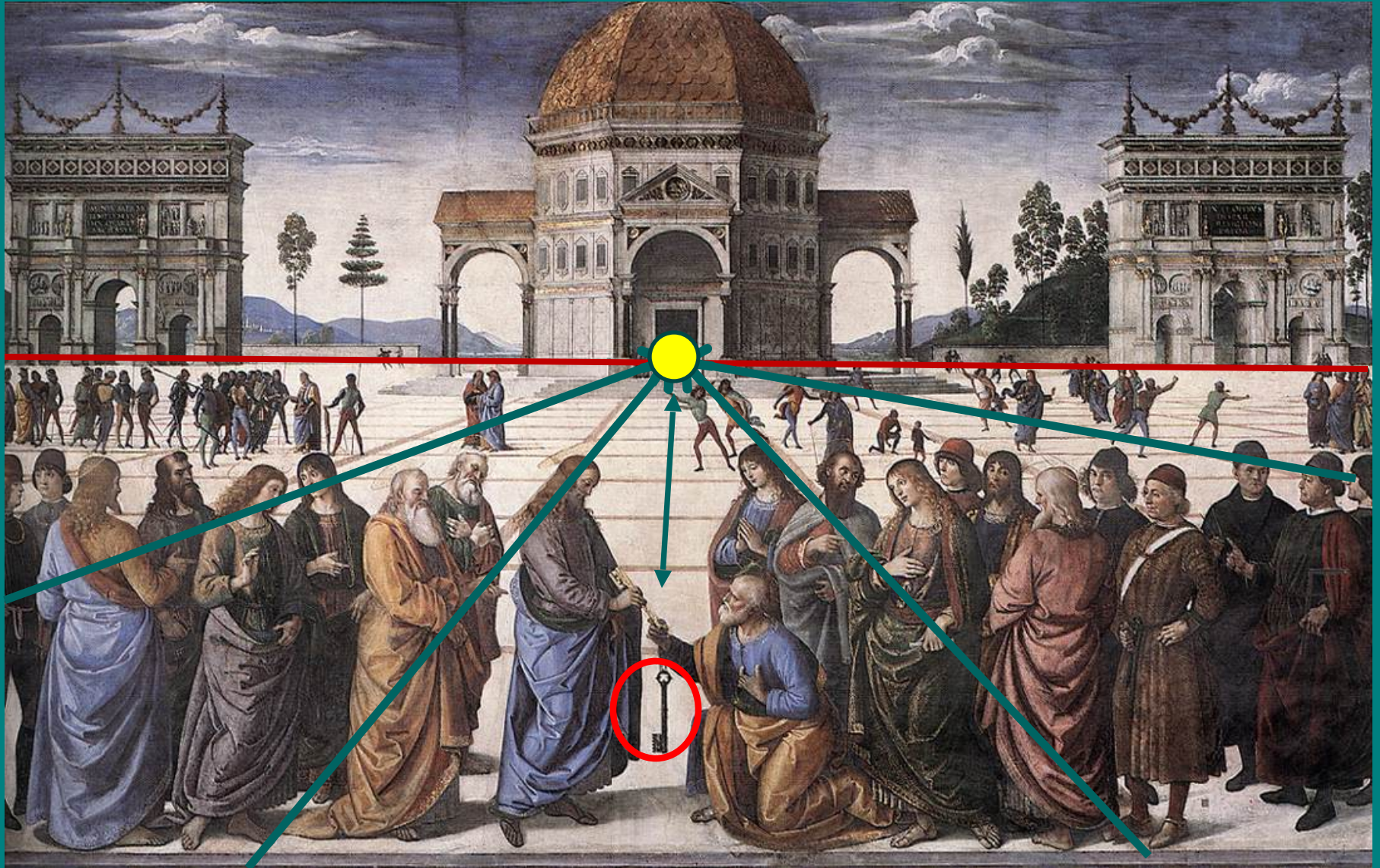


How it works

- parallel lines converge or meet
- If lengthened they meet at a point along an imaginary horizontal line or horizon line
- The point the lines meet at is the vanishing point.



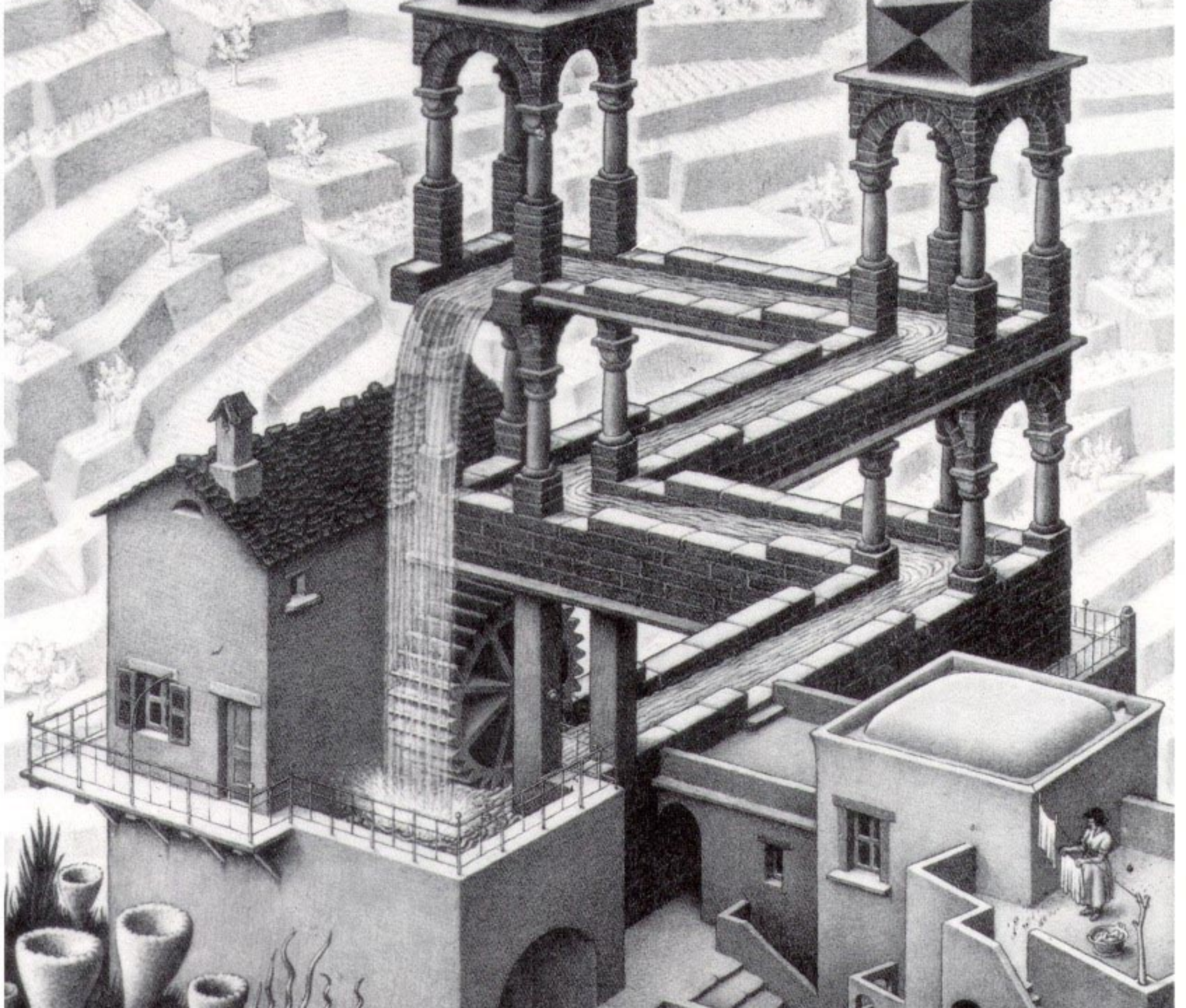
Da Vinci



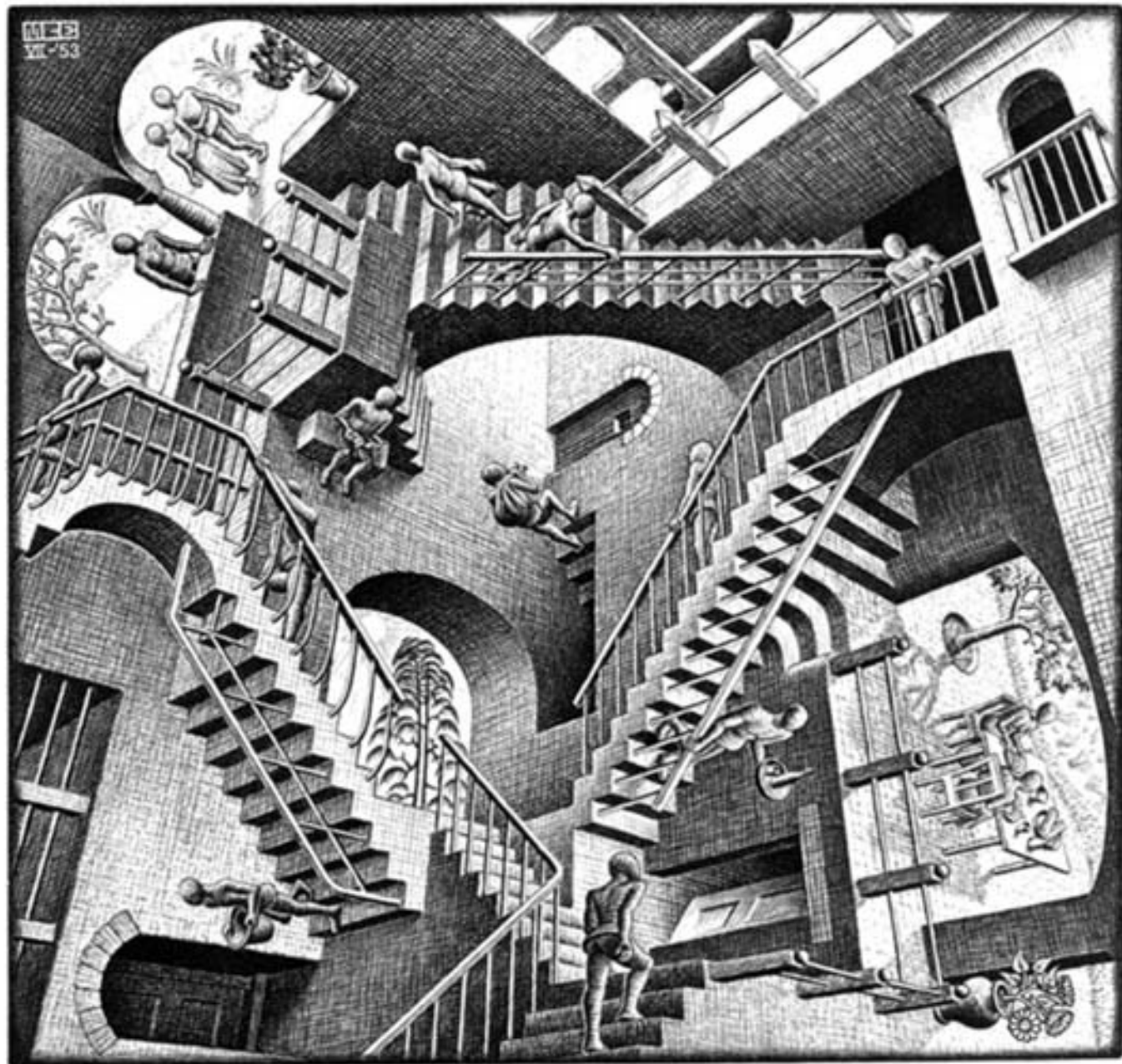
M.C. (Maurits Cornelis) Escherer

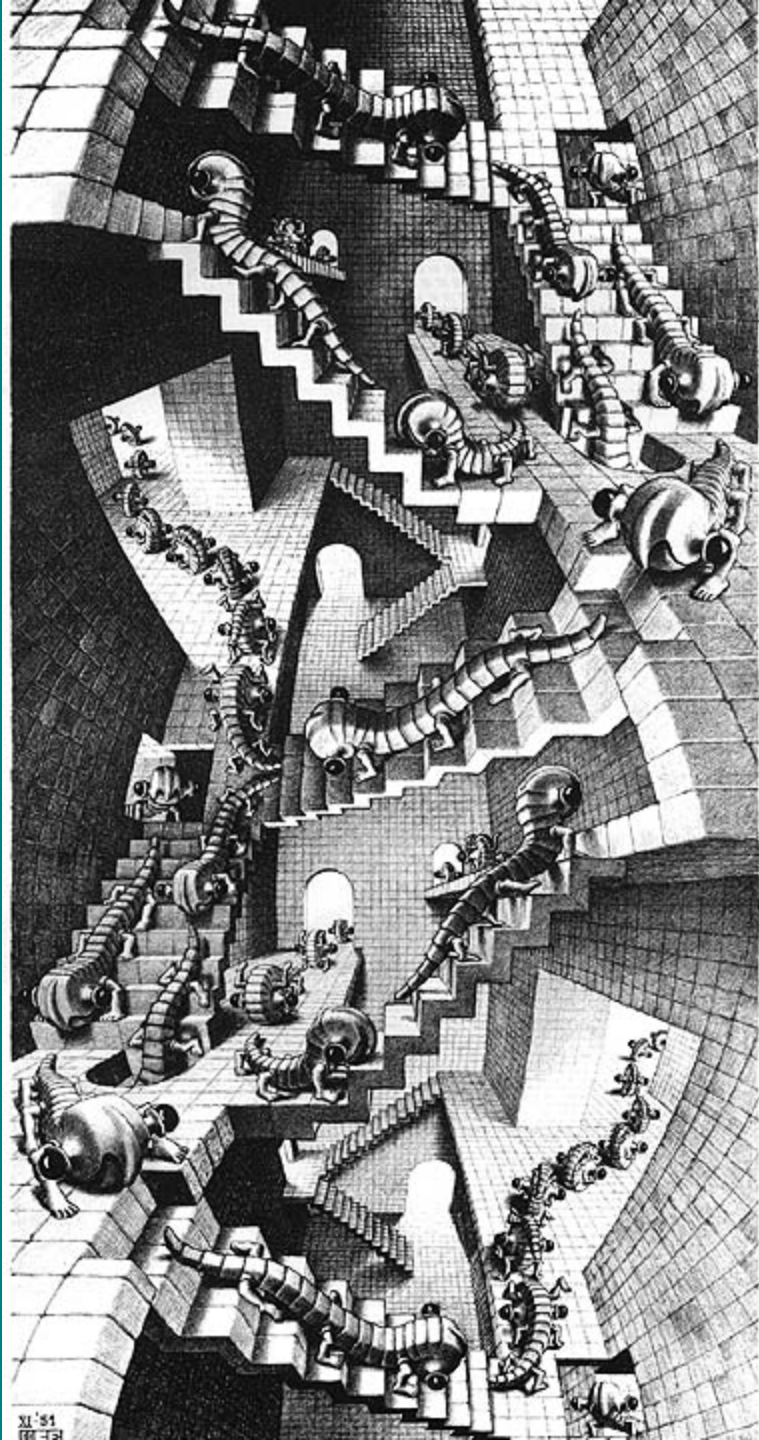
- Dutch, 1898-1972
- graphic artist
- optical illusions
- hyper-realism: all parts of the picture in tight focus,

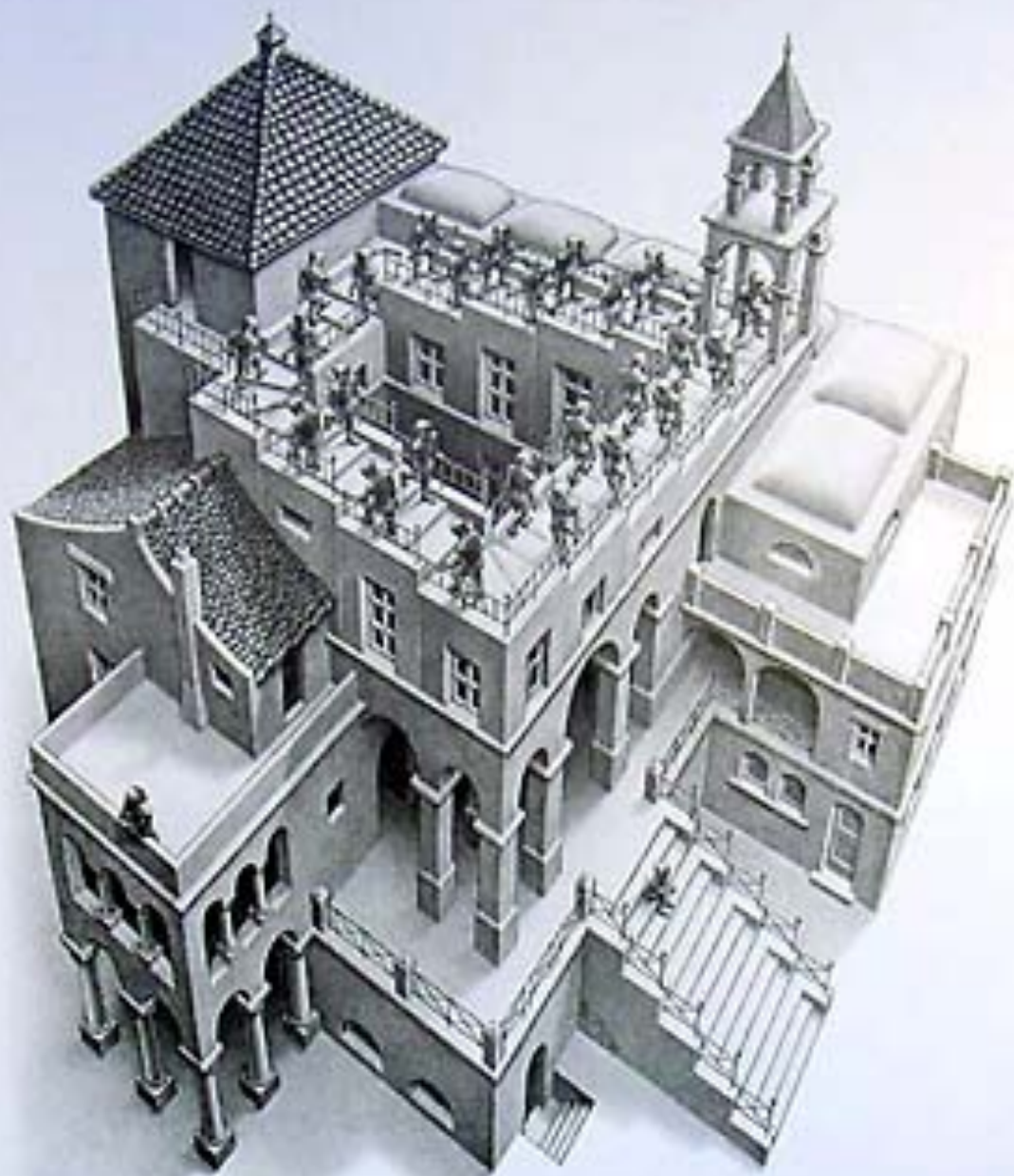


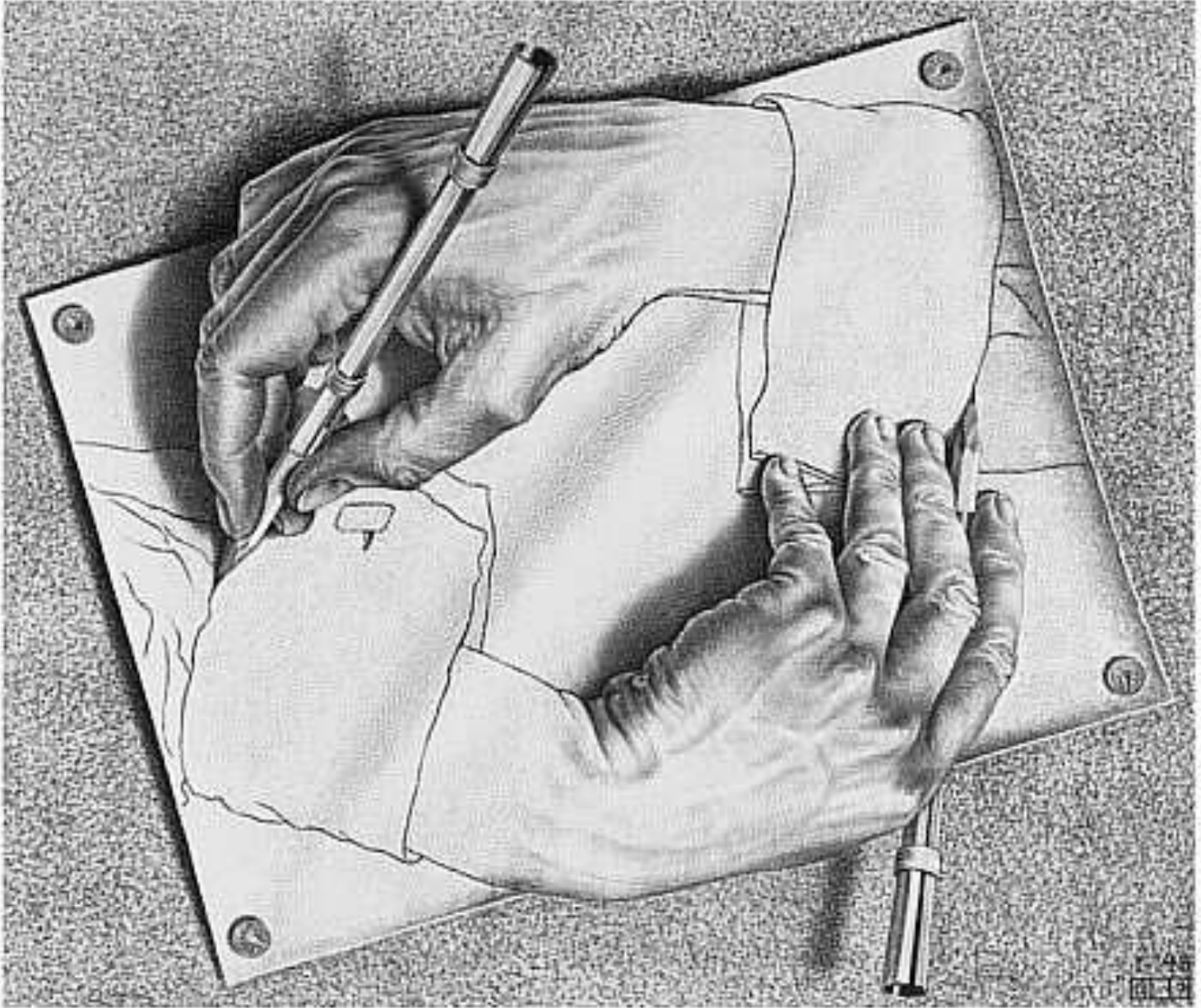


MEB
VII-53

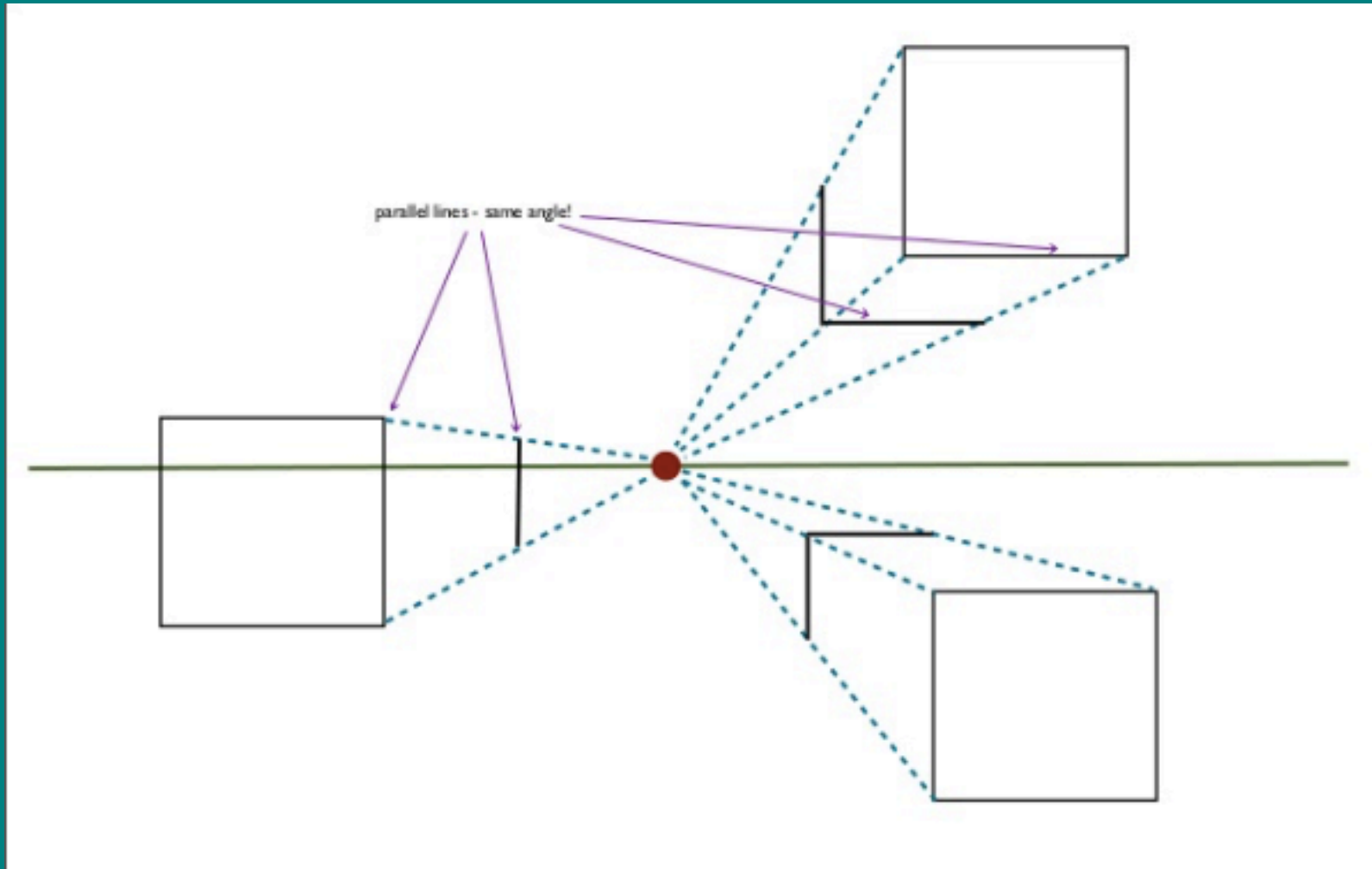




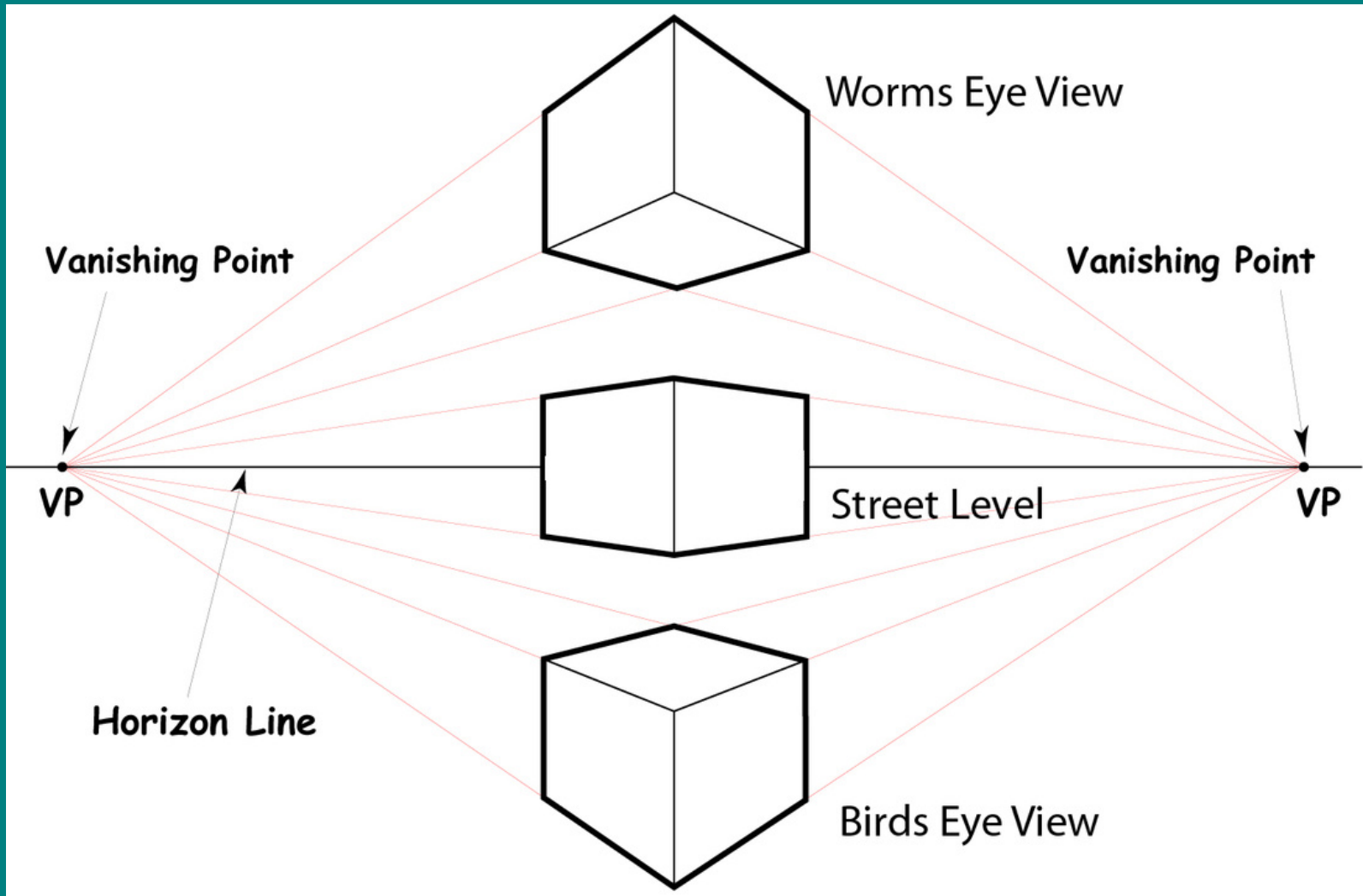




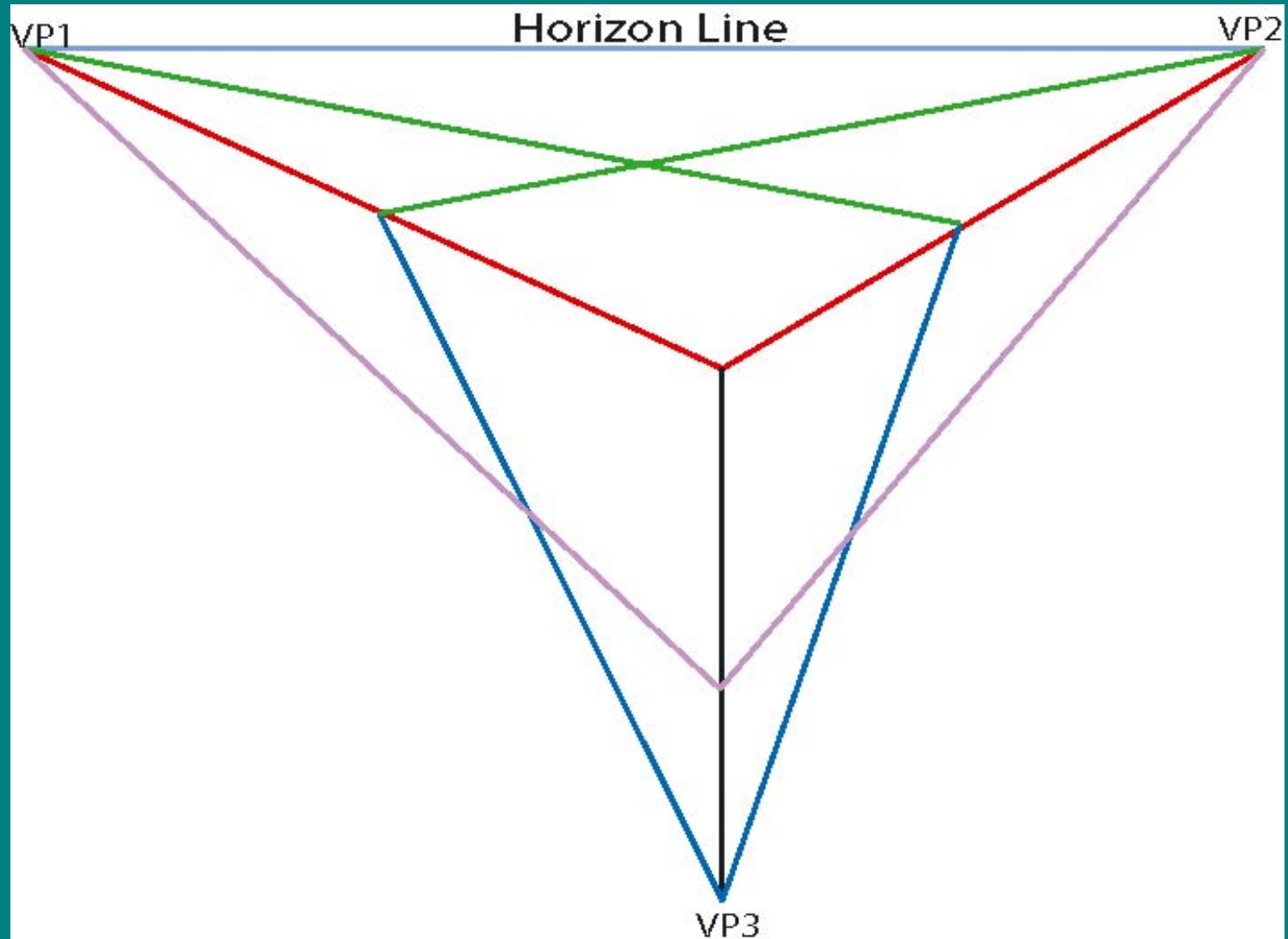
One Point



Two Point



Three Point



Brainstorming Sustainable Architecture

1. Thinking about the buildings you have seen in today's presentation. Start to sketch some thumbnail ideas using interesting shapes, lines, and textures.
2. Considering what ways your building will BENEFIT people in the future and be sustainable to our planet. Do not worry about the exact science of your ideas.
3. Be creative, and try to think of something original.
4. In our next class, you will learn how to draw your ideas like an architect does, using 2-point perspective.

Perspective Tips

- Use a Ruler
- Do a quick sketch to plan your idea
- Make your vanishing point outside of your image area (when making 2 & 3 point perspective drawings)
- Always establish your horizon line before you draw your vanishing points.

Linear perspective

- A system of drawing or painting in which the artist attempts to create the illusion of spatial depth on a two-dimensional surface. It works by following consistent geometric rules for rendering objects as they appear to the human eye.

Vanishing point

- In linear perspective, the place on the horizon where parallel lines seem to meet.

Horizon line

- A level line where water or land seems to end and the sky begins. Vanishing points are usually located on this line. The image behind this text features a horizon line separating sky from sea -- which, as you look lower, morphs into sky again, etc. (Notice too, the way rows of waves are depicted as receding toward vanishing points.)

Parallel

- Two or more straight lines or edges on the same plane that do not intersect. Parallel lines have the same direction.

Craftsmanship

- A person who practices a craft with great skill; The technique, style, and quality of working. Having a high degree of excellence. The quality of a thing tends to be increased the more care its maker puts into its making.