

Virtual Manipulatives

Henri Picciotto

www.MathEducation.page

henri@MathEducation.page

blog.MathEducation.page

Twitter: @hpicciotto

Workshop Links

1. During the workshop, post **screenshots** of your creations [here](#).

Here are the **virtual manipulatives** on my website.

Most include links to possible activities.

2. [Geoboard](#) (some geometry, some algebra, some puzzles)
3. [Grid paper](#) (some geometry, some algebra, some puzzles)
4. [Lab Gear](#) (algebra manipulatives) You will be prompted to make a copy.
5. [Tiling: Triangles and Quadrilaterals](#) (geometry) Again, you will make a copy.
6. [Pentominoes](#) (puzzles, scaling)

More

We will probably not have time for these in the workshop, but you should have no trouble exploring them on your own:

[Tangrams](#) (puzzles, geometry)

[Circle geoboard](#) (geometry)

[Tiling: Regular Polygons](#) (geometry)

Blog posts about virtual manipulatives: [Part 1](#) | [Part 2](#)

Most links below lead to lots of relevant material.

[For a Tool-Rich Pedagogy](#)

[Manipulatives](#)

[Geometry Labs](#) (geoboard, grid paper, tiling)

[Fractions](#) (grid paper)

Lab Gear: [home page](#) | [Virtual Lab Gear](#) (three versions) | Applets: [1](#) [2](#) [3](#) [4](#)

[Tiling](#)

[Geometric Puzzles](#) (pentominoes)