Lego Mapping

World Map Set #31203

A monster of a set – 11695 pieces

Or:

“What I did on my summer vacation”
by Sarah Battersby
That’s nice and all…but…

...cartographically, I had some other ideas...
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Some other awesome maps

Custom map 1 from @LEGO_Group worldmap cartedumonde mapamundi set: Spilhaus Plastic Ocean. Bathymetry. Tectonic plate boundaries. Antarctica towards centre. Land (tan) surrounds and blends into background. ‘South’ arrow. FUN!

My first take on the @LEGO_Group World Map 31203: Peirce quincuncial projection with sea surface temperature, major circles of latitude, prime meridian, and international date line cartedumonde mapamundi worldmap lego
When you want to build your own – a quick tour

Just think of it as a tiny little raster

Your constraint is:
• 40 tiles
• 16 x 16 on each tile
• Finite numbers of each color of dots
Pick your data and projection...

Sea Surface Temperature from NOAA
Equal Earth Projection
Grid it out

Tiny bit of math to figure out the size of each cell

Equal Earth was easy since it’s a 2:1 aspect ratio... so I used 8 x 4 tiles (@ 16x16 each tile)
Assign values to the cells & maybe some carto license

This is why I went to GIS school

- Clean up land vs. ocean vs. periphery so they look good (creative re-assignment of category)
- Re-classify the temperature bands so that there are enough pieces for each group
- Accept critique from family members & demands for inclusion of specific lakes
- Make the template
- Build the map