Pic 3

Pic 2

Pic 1

**Project: Common carpet of pattern**

Open the file [gitter.ggb](https://www.geogebra.org/m/kuc34mdb) . choose 3-5 of the pattern in pic and pic2 and construct it using the points of the coordinate system. Don‘t change the size of the squares. Each square has a length of 6 units. The pattern should be coloured within GeoGebra. Only if you have marked an area with the *polygon* command you can colour it. To colour a polygon use *right click -> options -> colour*.

For the rest of the square please workWITHOUT the coordinate system. Use e.g. the command *midpoint* (of a polygon or segement) to create nice pattern.

3x 3 artworks will form- at the end – a carpet of pattern that were created from different students.





