

Evaluation Report about Linear Functions in Real Life

Link of the material: <https://twinspace.etwinning.net/45383/pages/page/265419> from Spain

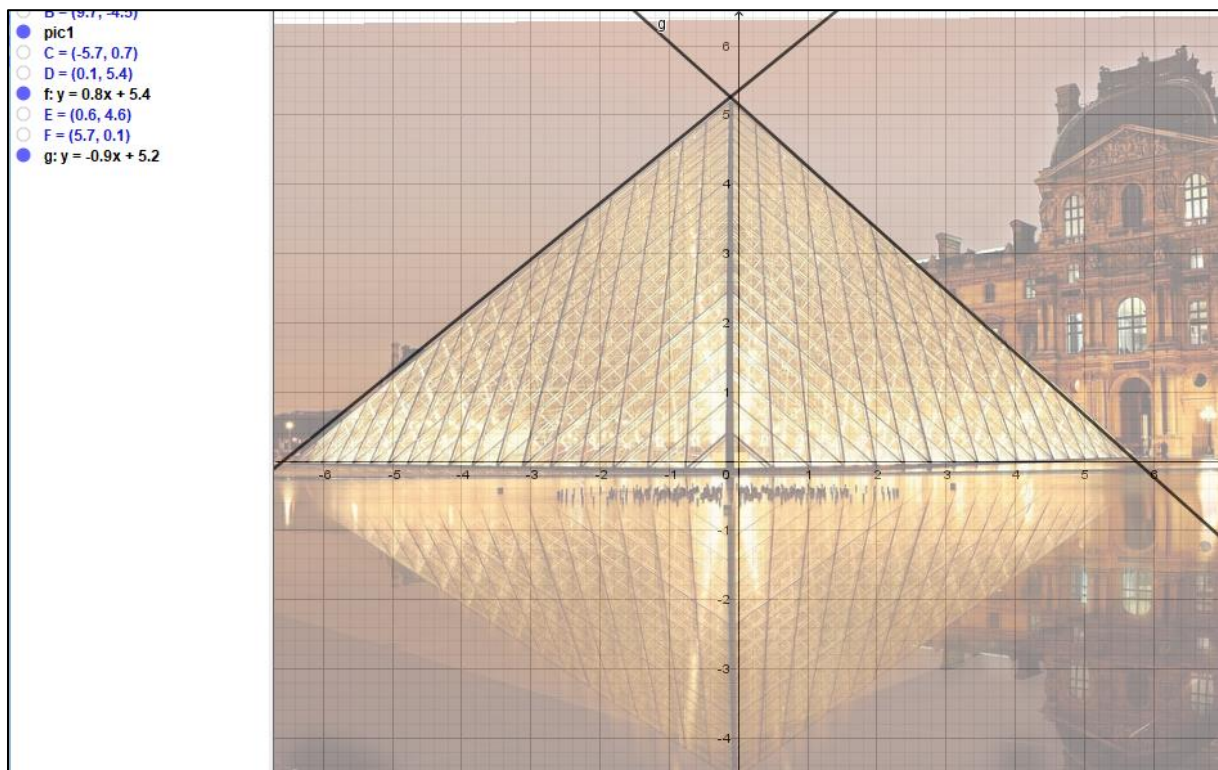
I have used the idea of modelling objects from real life with functions at the beginning of this school year in grade 8. Students worked in pairs. Inspired by the work in our TS students have used pictures from pixabay.com und constructed linear functions e.g. of lines in a building. The geogebra picture with the chosen coordinate system and the lines were printed out. The creator wrote the equation(s) on the pack of the print.

Then students exchanged their work and tried to calculate the equation of the linear function by chosen two points and calculated m and b of the function. Then they compared their calculations with the result on the back.

Students liked this task knowing that they same exercise would have been possible without pics from real life (givent two pints, calculate the linear equation of the line between these two points). This type of exercises would have been too stupid , annoying for them.

I add a question to each paper before calculation: Guess a number for this slope before calculating! This was to train their imagination!

Example:



Thank you, Mari Carmen!