

Ideas and lesson plans to work with SketchUp in the Classroom

| idea | comment |
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| Students watch a tutorial or try out the software, at the end they have to build a house, a tower or another building | First lessons, self-guided learning (-> results after a few lessons) |
| Students model an object of their daily life, e.g. a phone, toothbrush, knife, ... | Competition within in the class, criteria are discussed and fixed before together with the students |
| Regular (planar) solids by starting with a cube or a football or a icosahedron | possible within math lessons or as preparation for the topic in math |
| Let's create a chess game! | Division of work to create a common product, differentiation within the group (I am going to try it out in my classroom at |
| Create the house of your dreams or a castle | empowers creativity, differentiation within the group |
| Modeling a special street e.g. in your city by using self-made pictures as textures for the houses | See worksheet |
| Modelling a staircase | Learning more about perspective |
| Creating frames for famous pieces of art and put it in a showroom | Division of work, creating components |
| Model a tower and put it in a landscape of Google Earth | Usable in geography, history (homework) |
| Modelling a collection of wine glasses | See worksheet |
| Creating towers or window decoration of Gothic churches | Knowledge of geometric constructions, e.g. also in maths lessons |
| Creating a 3d shape of a solid and unfold it | Preparation for lower math classes |
| Creating the interior of your own room | Working with components using objects from 3Dwarehouse collection |
| Modelling sites of Cultural World Heritage | My school as an UNESCO school has modelled a lot of famous buildings (-> results) |