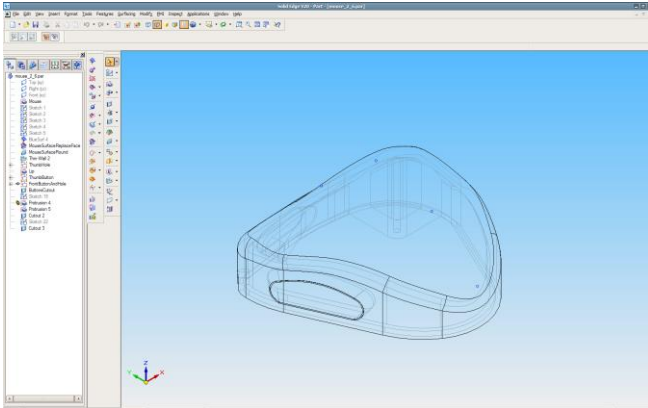


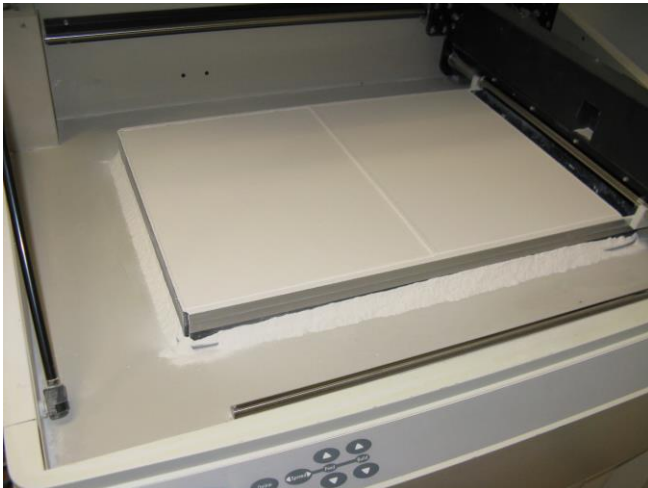
# How a 3D Model Becomes Real



The completed part Solid Edge, ready to be printed out in the 3D printer.



The part is then imported into a program which allows you to rearrange where exactly the part will end up in the printer.



It prints it one layer at a time, starting from the bottom and working its way up. This is what it looks like after it has finished printing.



You get the pieces out by pressing a button which raises the pile of powder and then brush off what you don't need, but just enough to get your part out.



After carefully removing the part from the printer, the extra powder is then blown off and eventually recycled.



The part then needs to be hardened. For this project I chose to use a paint called "POR-15". It is a rust prevention paint which dries as hard as a rock.