plates

native american pottery

instead of wheels to throw the plates, the structure is made by coiling ropes of clay in order to achieve the desired shape. the pottery is then left to dry after which slip is added to the surface. the slip is then polished and - possibly - painted before they are fired.









hoels in dianshop.com/shop/native-american/art/pottery/ancientpottery.how/how-to-make-a-coil-pot/

ceramics

one of norbert botellas most famous series of works is called "black sandstone". his clay sculptures are meant to resemble cooled lava rocks. the rugged edg-es of the sculpture contrasting the polished outer shell. he works by digging into the soft clay mimicking erosion. this process can be seen in the youtube video linked.









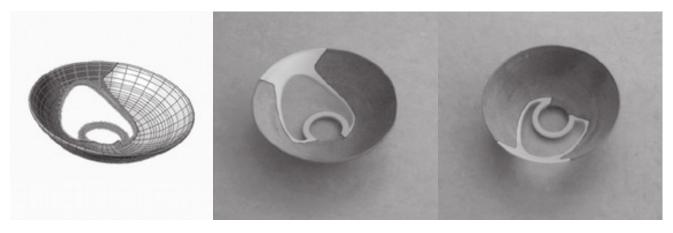
n o r b e r t b o t e l l a . c o m / a - p r o p o s / y o u t u b e . c o m / w a t c h ? v = k S a X i O - t C _ s

digital fabrication

shown is a series of works celebrating almost reminiscent of the Japanese tradition kintsugi. however, these sculptural pieces lost their functionality and have since become memorial pieces. hybrid reassemblage explores these broken artifacts and gives them new purpose by utilizing digi-tal fabrication. the biggest pieces were 3D scanned and modelled in rhino and reconnected using 3D printing.







 $research gate. net/publication/260161921_Hybrid_Reassemblage_An_Exploration_of_Craft_Digital_Fabrication_and_Artifact_Uniqueness \#pf7$

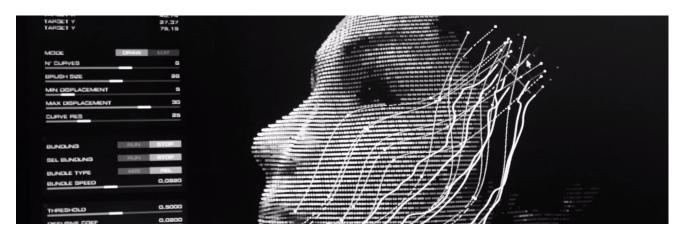
mass customization

windform is a composite 3D printing material. in 2013 the material was used to create masks that are uniquely created for the wearer. the masks are created by 3D scanning the head of whoever it is designed for, after which a computer software draws the abstract shapes making up the face-wear. the venetian-style masks are then produced through 3d printing.









windform.com/case-studies/3d-printed-custom-face-masks-created-by-generative-design/tctmagazine.com/additive-manufacturing-3d-printing-news/windform-lc-20-used-to-create-unique-venetian-style-3d-printed-masks/

craft / digital craft

in this series "100 vases" jolie ngo utilizes 3D printing to create the base shape of a vase which she uses as a base for her artworks. using this method she is able to create a wide range of pieces that differ in shape, detail and color. Jolie ngo works a lot with clay as a 3D printed medium as well as glazes.





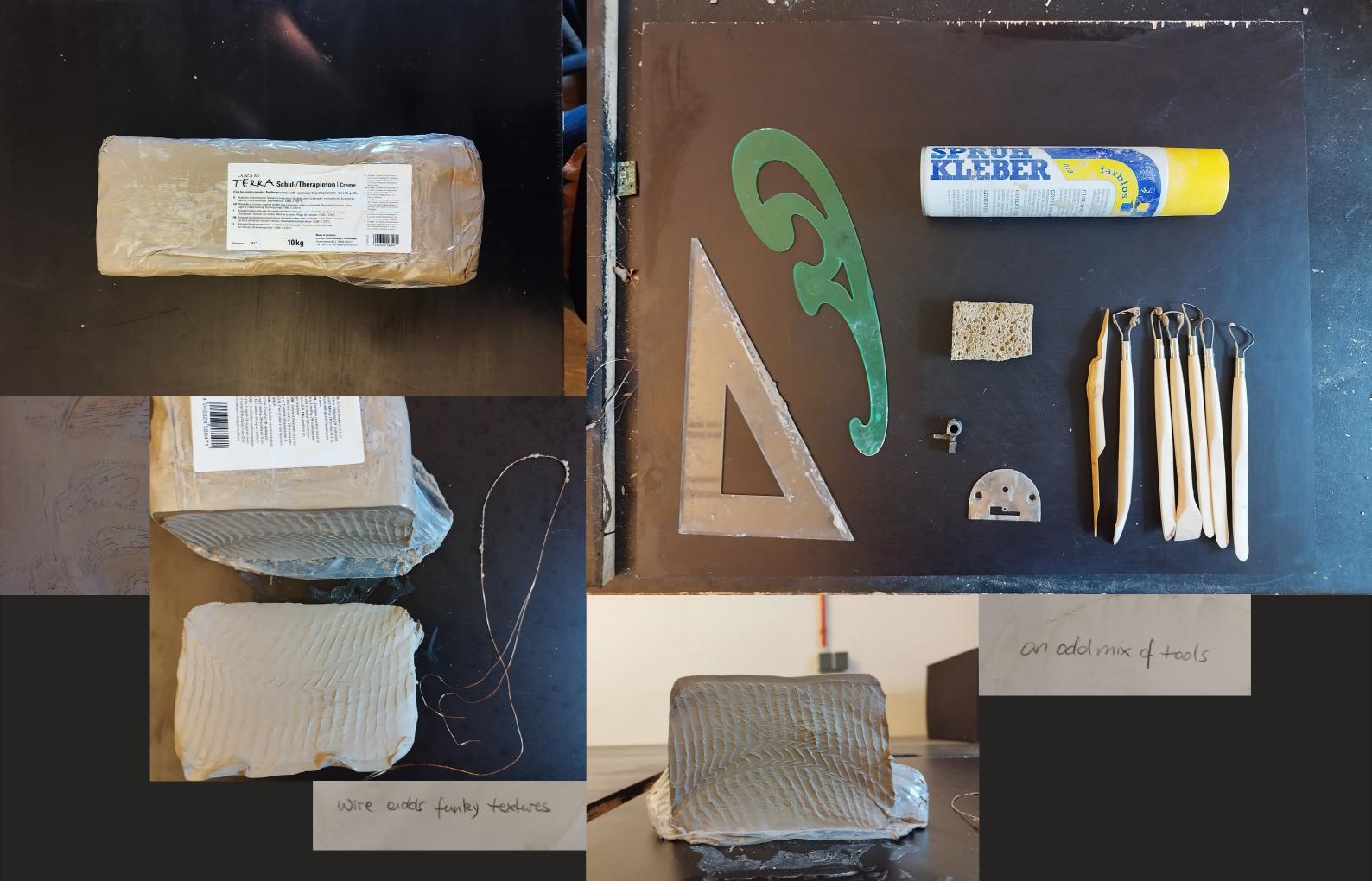








curbed.com/2021/03/jolie-ngo-3d-printed-ceramic-hyper-pot-design.html/r-and-company.com/designers/jolie-ngo/



Vertiefungsmodul: Generative Methoden & Digitale Fabrikation Digital Dishes 4.0

