

## THE SYXTE BOOKE

vhan he vvyll caste or founde medalles, or any other thyngc .

**I**f firste, you shall laye the medalle or other worke that you wil cast, in a dishe with strong vnaiger, Salte, and burned straw: than rubbe it wel with your hande, vntil it be cleane: likewise with a rubber, or brushe. This doen, washe it in freshe water, and wipe it with a linnen cloth. After this, laye vpon a table of hard woods, or of copper well pollyshed, halfe the moule or fourme, that is to saye, the female. And let the myddle part, that is to say, that whiche is ioyned to the other, be layed vpwarde vpon the table, in whyche thynges thus layed, you shall lay your medalles, or the thinge you wil fourme or fashion, and let it be cleane, as we haue sayd, or deryng it in such sorte, if there be but one, y it be iust & directly against the conduyte or pype, and as low in the frame as it may, to the intente that the pype or cundite may be the longer, and that it may haue metall ynough. If there be moze than one, you shall order and set the on the sides of the fourme or frame, and leaue place in the middle for to make the hole or pipe, to powze the metall in. And if there be moze then two, you must beware that one receaue not the metall of another, but make to euery one his little pipe or condite, whiche may aunswere & come iustly to the pype or hole in the myddle. Then take one of the sayed fine earthes, well sifted thozough a fine sarce, and vhan you haue wel dzyed it, put it in a platter, or great dishe, to the intent that in handlyng it, there go nothyng out, and you shall moyst it little and little, with the water called Magistra, miring it wel with your handes, and rubbing it so longe betwene your handes, that wyngyng it with your fist, it holde and cleaue together, but you must note, that I speake of moistyng it, and not of thozowe wettyng it, for it may not wete your hand in pzeffyng it, nor cleaue vnto your hand like paste, but that it onely holde together a little moze or lesse then dry flouer or meale, and beyng so long in your hand, it may breake in pieces vhan you touche it wpyth your finger.

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finger. And hauyng thus brought it to a fourme, lay it handfomly vpon the medals in the fourme or moule, with the endes of your fingers, and than with your hand wyng it, and pzeffe it hard downe, not sparing to pzeffe it well, in puttyng vpon it the other litle table, & pzeffing it down with your handes, as hard as you can, wia with all your might. Than with a cuttyng yzon with a right and euen edge, and with a ruler made iust & euen by line the sayed fourmes with the earth, cuttyng away handfomly, the earth that passeth ouer the sayed mouldes, and so lay them vpo one of the pieces of wolle, and then the litle flat table, the you shall take with both your handes the two litle tables, aboue & beneath, & holdyng them fast together, turne handfomly y mouldes vpside down, & taking of the table, you shall se vnder y medals, in liffing it vp, if there be any earth entred in, if ther be, you must take it away with the hares fote. The, setting the other parte of the fourme or mould in his place, you shall fill it with the same earth, pzeffing it wel, as befoze, and makyng it euen & equall with the yzon. Afterward, with the poynt of the yzon, you shall lifte vp a litle, at one of the corners, halfe the mould or fourme, and take it of fayer and softly with your hande, and take out the medals nimbly, touchyng them a litle rounde about, with the poynt of a small penne or quyll, yf at the fittes they wyll not come out, turnyng downewarde that part of the mould wherin they did liffe vhan you opened it. And if yet they wyll not come out, stryke them a crosse with the point of a knife, vntil, y turning downeward the mouldes, they come out. And if in case they be not well pzeffed, accordyng to your mynd, you may put them agayne into the y place, and pzeffe them agayne: and hauyng set on both sides the two pieces of wolle, & the tables, close them in the pzeffe. Finallye, with the said shau, or sharp yzon, make the sayd pypes or condites holow, compassing them with your compass, & rule, in such sorte, that they come iust and equaly: than shall you trimme them so against y syze for to dry, tournyng them somtime, vntill they be well dzyed. Then with a

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