DIGITAL SYNONYMS;

SYNONYMS/ELECTRONIC/NUMERICAL, NUMERIC, NUMERAL, NUMERARY/DIGITATED/DIFFERENTIAL/MATHEMATICAL/ORDINAL /EXPONENTIAL/LOGARITHMIC/COMPUTER, COMPUTERIZED/FINGERED, FINGERLIKE, FINGER-SHAPED/ALGORITHMIC/ARITHMETICAL/RELATING TO TOES/RELATING TO FINGERS/RELATING TO CALCULATION BY NUMERICAL METHODS/USING CALCULATION BY NUMERICAL METHODS/USING CALCULATION BY DISCRETE UNITS/SHOWING THE TIME WITH NUMBERS/RELATING TO CALCULATION WITH DIGITS/USING CALCULATION WITH DIGITS/CHARACTERIZED BY COMPUTER TECHNOLOGY/FRACTIONAL/INTEGRAL/CYBERNATED/BINARY/DACTYLATE, DACTYLIC/DIGITIFORM/COMPUTATIONAL/COMPUTED/PROGRAMMED/ALGEBRAIC/DIGITISED

DIGITAL ANTONYMS;

NONDIGITAL/REAL/MECHANICAL/MANUAL/HAND-OPERATED/MECHANIZED/MECHANICALLY ACTUATED/POWER-DRAWN/MECHANICALLY DRIVEN/POWER OPERATED/MECHANICALLY OPERATED/ENGINE-DRIVEN/MACHINE-OPERATED/MOTOR-OPERATED/LINEAR/NON-ELECTRONIC/AUTOMATIC/AUTOMATED/MOTOR-DRIVEN/GEAR DRIVEN/ENGINE-POWERED/POWER-ACTUATED

ANALOGUE;

OLD TELEVISION, CASETTEDECKS WORKED BY USING SIGNAL. ANALOGUE SIGNAL USE SOME TYPE OF THING THAT IS CONSTANTLY CHANGING TO REPRESENT DATA. THE ANALOGUE WAVEFORMS ARE EASILY DISRUPT > SNOW ON TV. DIGTIAL TECHNOLOGY ATTEMPTS TO SOLVE THIS PROBLEM BY ENCODING AND TRANSMITTING DATA AS CLEAR-CUT DISCRETE UNITS NAMELY ONES AND ZEROS INSTEAD OF ALWAYS CHANGING WAVEFORMS THAT ARE SUPER SENSITIVE TO INTERFERENCE.

POSITION PAPER MICHELLE KOOTKAR

MY name is Michelle and I am a maker. Up until now, I never used this word before to describe myself. Also it is quite a wide-ranging (inclusive) word, isn't it?

Calling yourself an artist, in my position, in the culture I find myself in, is *so not done.* It is pretentious and arrogant. I don't have a diploma of art school, I don't even study to be an autonomous artist. My work is not good enough and I don't sell anything.

Calling yourself an art educator, in my position, in the culture I find myself in, is *so not done.* It is pretentious and arrogant. I don't have a diploma of an art educator, I don't have a job as an art educator. Even calling yourself an art teacher (note: not the same as an art educator), is not allowed. So, do I just use the word maker because those other two are not considered to be appropriate? No. The word maker doesn't exclude anything (yet). And that is also the difficulty about this word.

I don't decide what a maker is. But being a *maker*, and *making,* to me is a way of expressing, applying my knowledge, being technical and practical, a way to form myself in to the person I am.

Some years ago I did an internship in a grafiek atelier. The start of my craft. I learned there beginnings of teaching, but more important to me I learned how printmaking works. Printing is the beginning of our technology Later on, trough internships and in my education I found out there are more and newer ways to make and to print. I often visit primary, secondary schools. And once you enter the school you stumble across 3d printers and pens, laser cutters and terms as makerspace and 21fst century skills. Something I did not have when growing up. So all these technologies are ''new'' to me. And once I researched and studied a device (like Arduino's or Little Bits) a new trend is already arriving.

So catching up with all these new things is almost impossible. But that makes is quite difficult to understand as well. I we use terms like as maker, technology, digital what does that actually mean? With all these question in my mind I define my craft. I make material that explains, make it accessible, confuse and question this subject. I feel the way to do that is always make a connection between *the real* (the physical, the truth) and *the digital* (the invincible truth).

As a teacher I know work in a grafiek atelier. So the tools I use the most are the printing press, ink, carving tools etcetera. An analogue way of making. As a student/maker I use tools like my computer, printers, laser cutters, 3d printers.

The big question for me now is: How these two worlds combine? The analogue and the digital? Or is the not a big difference between these? Currently through my internship in The New Institute in Rotterdam I am rehearing this. A place where I can see what the digital culture means and what it can give for education.

I made a cake. Am I a maker? Technically yes.

I made a sketch of my new kitchen. Am I a maker? Yes, kind of.

I made an object to express my opinion. Am I a maker? Yes I would say so.

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