

# Graduation Plan



## Graduation Plan: All tracks

The graduation plan consists of at least the following data/segments:

Personal information	
Name	Kyra Galjee
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Studio	
Name / Theme	The Architecture of the Interior / Cultures of Craft
Teachers / tutors	Eireen Scheurs and Mikel van Gelderen
Argumentation of choice of the studio	The scale of the final design, 1:5 and 1:20 interested me. Furthermore the teachers are inspiring.

Graduation project	
Title of the graduation project	Waldorfschool, learning with hand and head.
Goal	
Location:	Meinerswijk, Arnhem, The Netherlands
The posed problem,	<p>Meinerswijk in Arnhem is a floodplain area on the south bank of the river Nederrijn. It functions as a bufferzone for the citycentre. The location has a complex cultural history that always was connected to the water. Today there are some leftovers visible from the past. One of them is the Brickfactory that is empty today.</p> <p>Waldorfschools (WS) are very popular and in Arnhem there is a shortage of places for pupils in the primaryschool in Arnhem. Also a majority of the parents of pupils would like their children to go to a secondary WS as well. The travel distance to the nearest WS in Nijmegen is the biggest reason for parents to decide to not place their children on a secondary WS.</p>
research questions and	" How to design a Waldorfshool that can stimulate the social and spatial connection between learning and making, being an integrated part of the cultural layer of Meinerswijk"

design assignment in which these result.	A Waldorfschool embedded in the context with program inside the brick factory and program in surrounded new buildings. The architecture should have an answer to the striking typology of the brick factory and work with the principles of anthroposophy in a contemporary (new) form.
<b>Process</b>	
<b>Method description</b> <p>There are two main theme's that I would like to research.  First architecture of the Waldorfschools. The WS have a very particular architecture style based on the anthroposophy.  Second I would like to investigate architecture of schools in general. To research this I'm going to study on precedents by literature and building visits.</p> <p>The theme of the studio is Craft and the philosophy of the school I designing is "learning with hand and head". Therefore I would like to design as much by making drawings and models by hand as possible. To experience this for myself.</p> <p>Sketches, free hand drawings and models will analyze the results of the research and ideas for the design.</p>	
<b>Literature and general practical preference</b> <p>The literature that I used and will be using to research is books about Craft, Waldorfschools and schools and architecture in general. There are also books about designing by freehand drawings and making models.</p> <p>Furthermore I will draw inspiration from my own experience as a Waldorfschool student.</p> <p>Literature:</p> <p><b>Craft:</b>  / <i>A theory of craft. Function and aesthetic expression</i> - Risatti, Howard. The University of North Carolina (2007).  / <i>On Craftsmanship:: towards a new Bauhaus.</i> - Frayling, Christopher. Oberon Books, 2012.  / <i>The case for working with your hands.</i> - Crawford, Matthew. The New York Times Magazine 24 (2009).</p> <p><b>Design schools:</b>  / <i>De school als ontwerp-opgave</i> - Maarten Van Den Driessche, Bart Verschaffel  / <i>Schools and Kindergartens, A design manual</i> - Mark Dudek  / OASE 72: Architecture of the learning environment.</p>	

**Anthroposophy / waldorfschool:**

/ *Rudolf Steiner, Alchemy of the Everyday*, Vitra design museum - Mateo Kries, Alexander von Vegesack (2010)

/ *Die Waldorfschule baut: Sechzig Jahre Architektur der Waldorfschulen* - Rex Raab und Arne Klingborg (1982)

**Design by hand:**

/ *Drawn to design* - Eric J. Jenkins, BIRKHAUSER, (2012)

/ *Maquettes: bedenken maken overtuigen* - A. Karssen & B. Otte

**Reflection****Relevance**

Our society is changing constantly. The world is becoming more and more complex, children who start primary education will be prepared for a future that we are currently unaware of. Good education will provide knowledge and skills, which are appropriate and valuable for the future. Those are pre eminently social-emotional and creative skills that children will feel secure in themselves and are able to develop their own talents.

**Time planning**

There are no exams to be retaken so the whole focus will be on the design project.

**Februari:** Work on the comments given at P2. Design by research architecture of Waldorfschools and schools in general. In this phase all facets of the project will become clear. Architectural form, facades, internal organization and materialization. Primarily design at a scale of 1:200 and 1:100. Start designing and consult building technology approximately scale 1:20 and 1:5.

**March:** P3 - At P3 the general design has to be clear at a scale from 1/200 to 1/5. After P3 there is time to develop the ideas further.

**April:** After the P3 the focus will shift towards a smaller scale and all elements should come together. This phase will be more about materialization, details, visualization and sphere.

**May:** P4 – At P4 the whole design should be clear. The representations from urban scale to detail will also show 3D views and perspectives.

**June:** Work on the last comments given at P4 to finalize the design. Start working on the final presentation and model(s)

**July:** P5 - Final presentation. Representational models and drawings on all scale levels.