

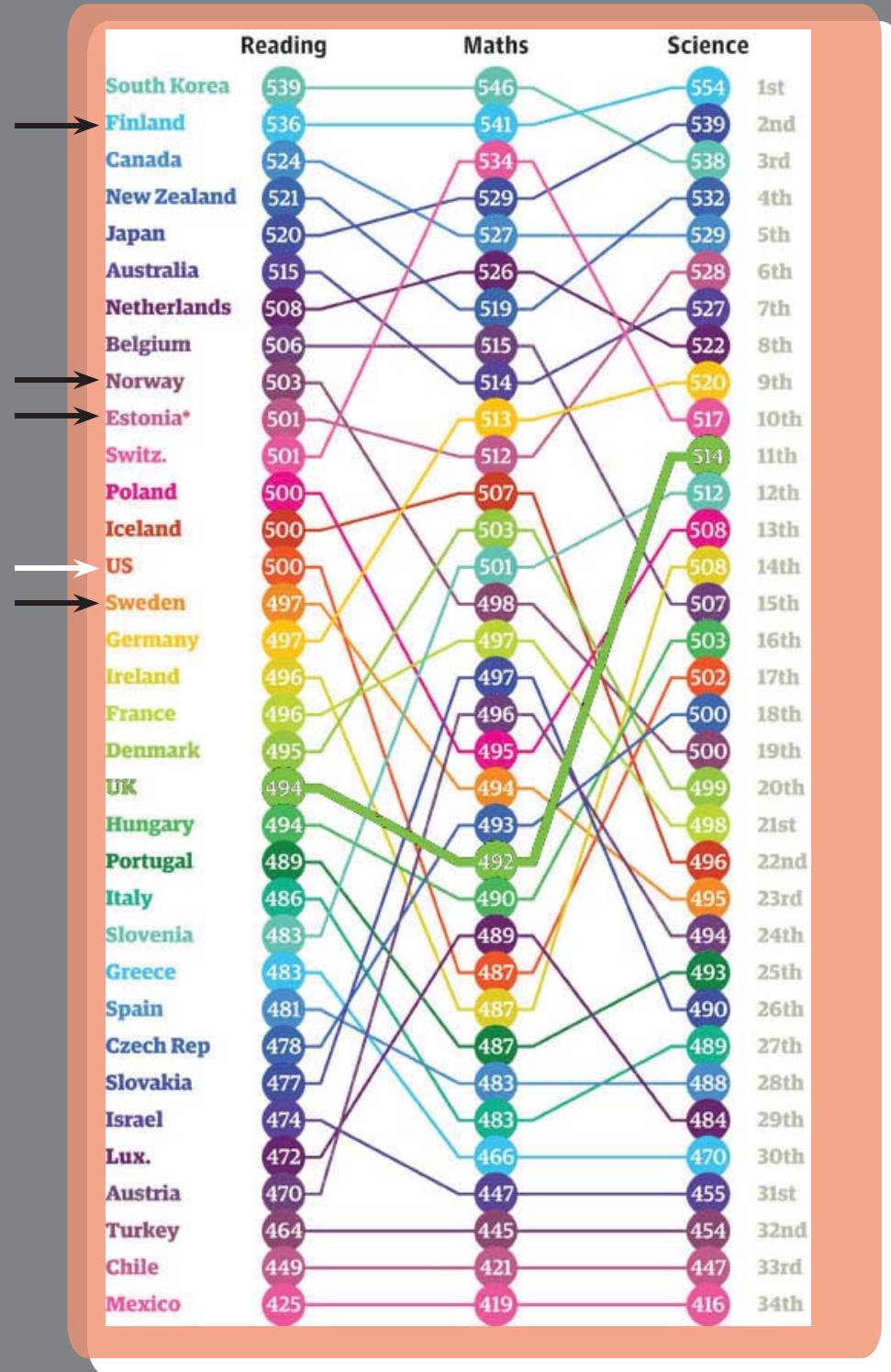
room to GROW

Martin Roche Travel Scholarship 2011

Jennifer McKenzie



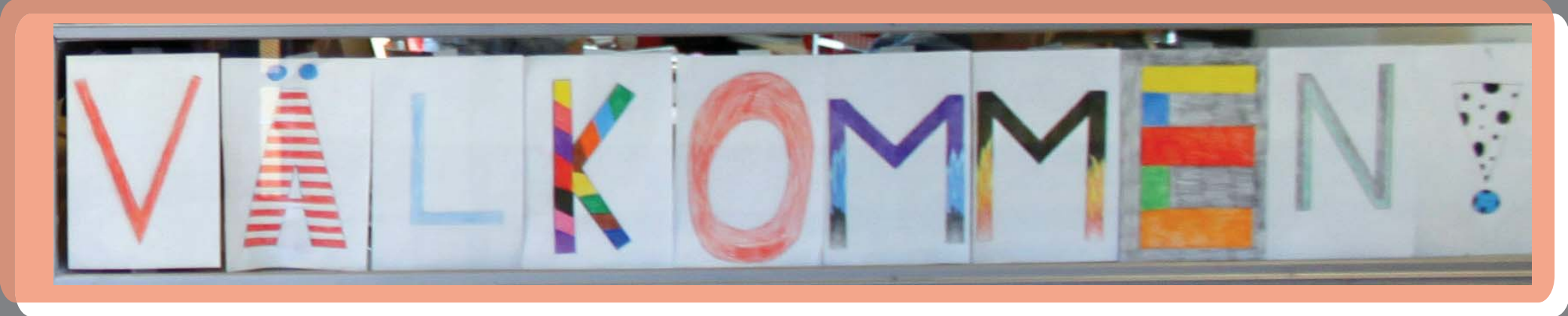
Education Architecture - Northern Europe



Why Education Architecture in Finland?



Why Education Architecture in Finland?

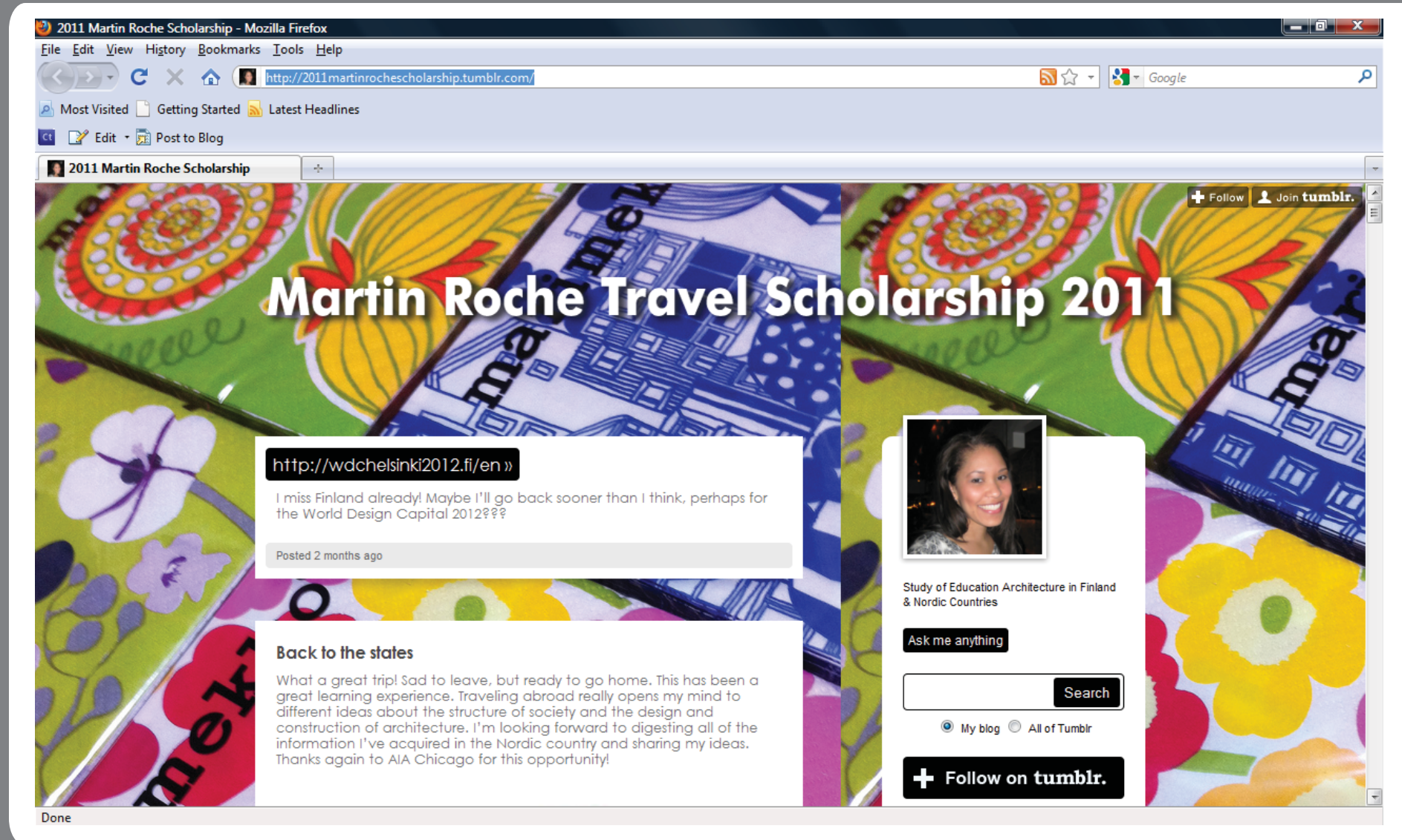


CHICAGO



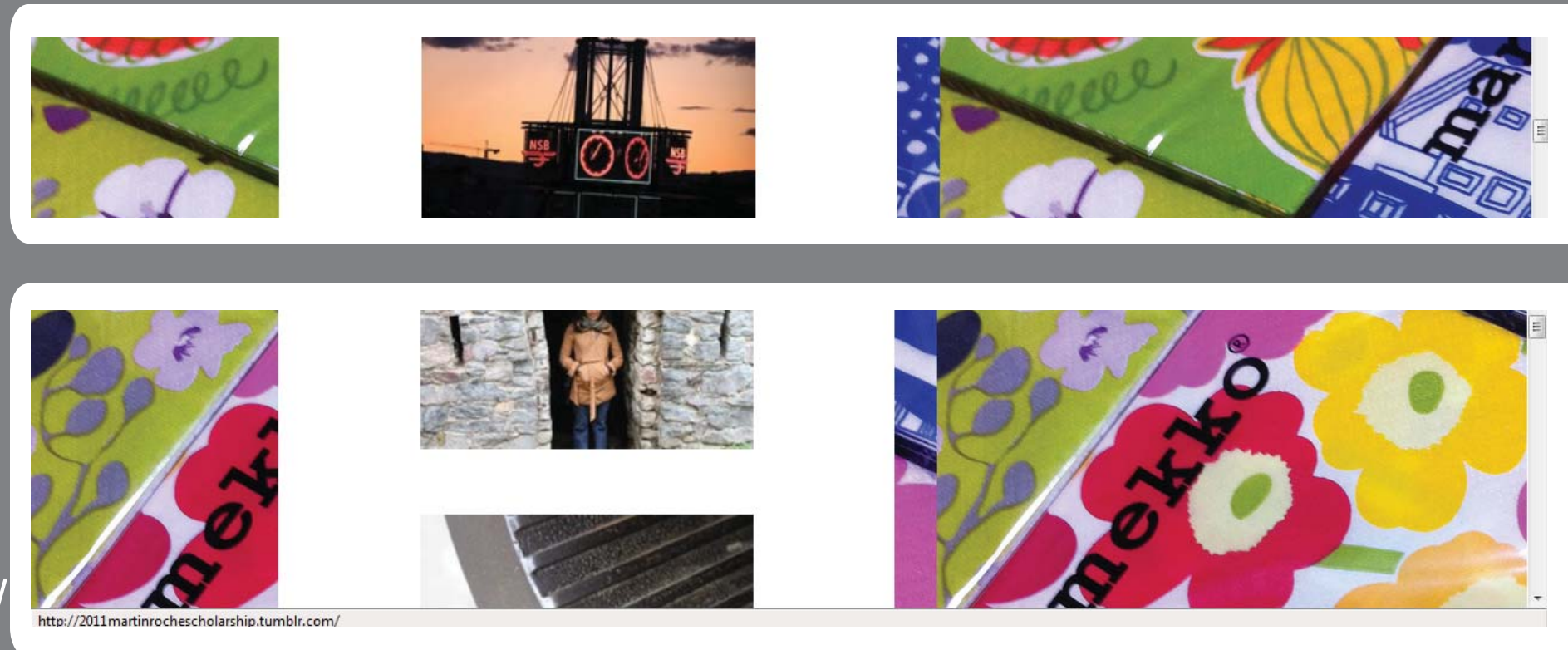
Project Approach

- Research
- Make appointments with Finnish schools



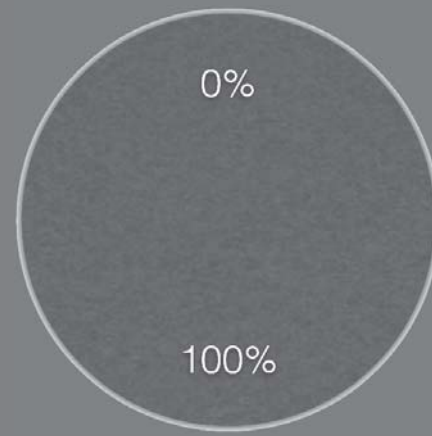
Project Documentation

- Photography
- Blog
- Sketches

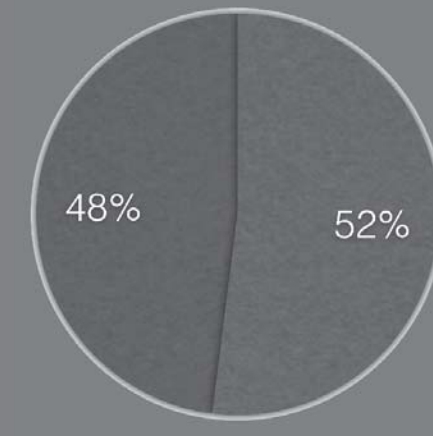


<http://2011martinrochescholarship.tumblr.com/>

School Systems



Finland

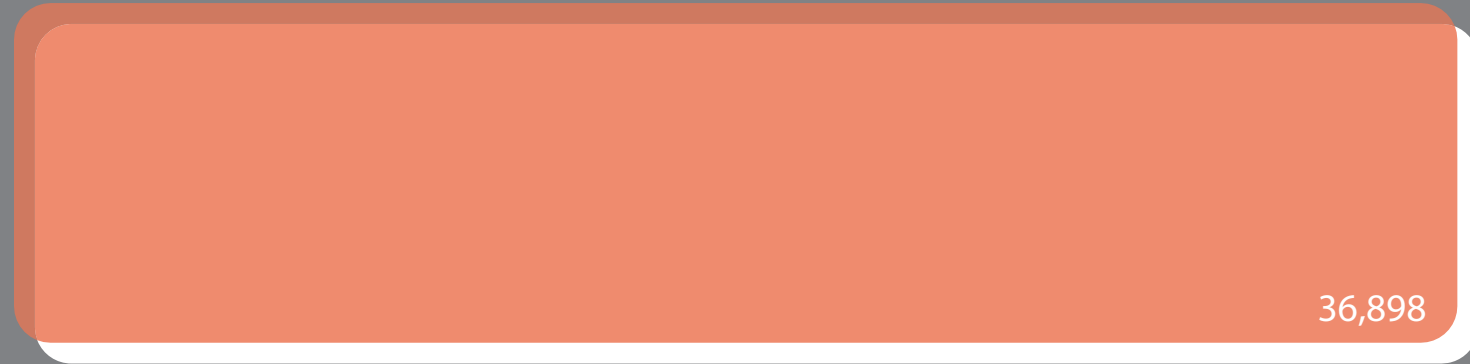


United States

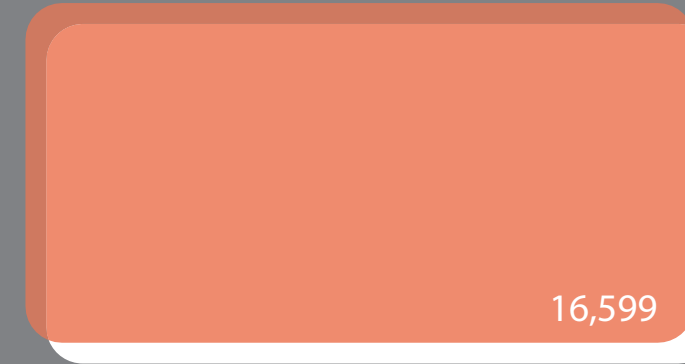
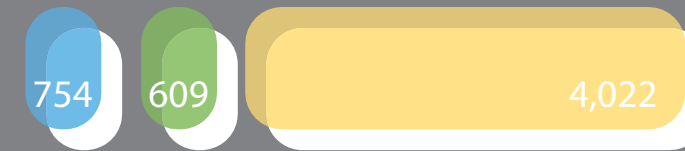


City of Helsinki School Systems

Comprehensive School



Upper Secondary School



Vocational School



- state-owned school
- other private school
- private contracting school
- city contracting school
- city school

Quick facts - Helsinki Schools

- 14% Swedish Speaking schools
- Free School Lunch for past 6 decades, since 1948
- No standardized tests, only 1 test at age 18 or 19



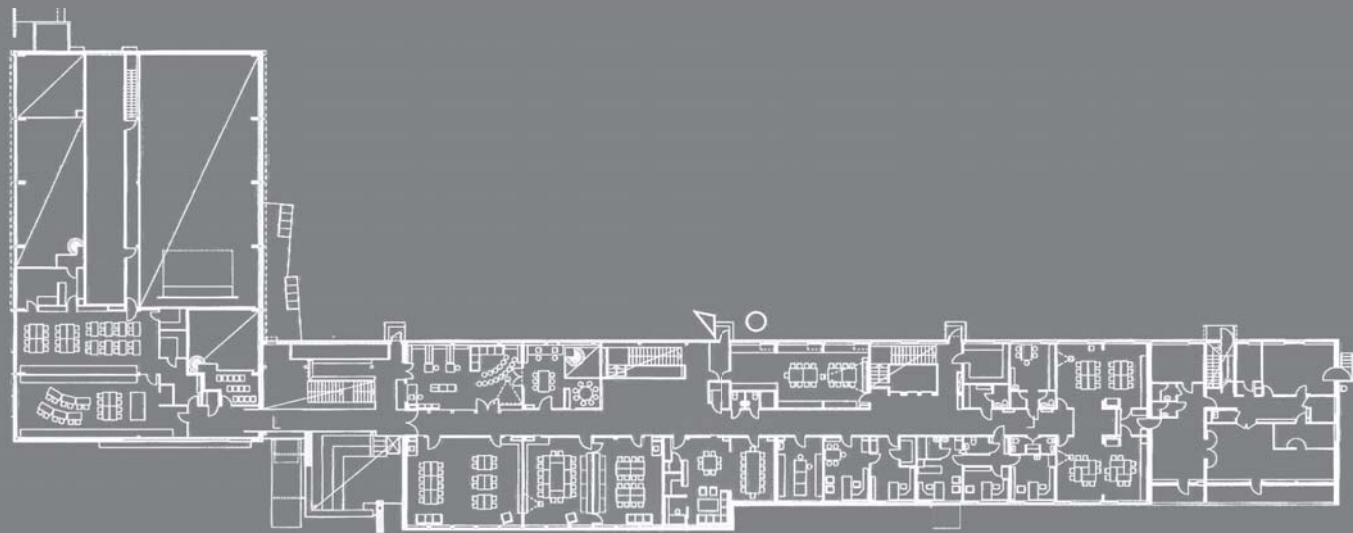
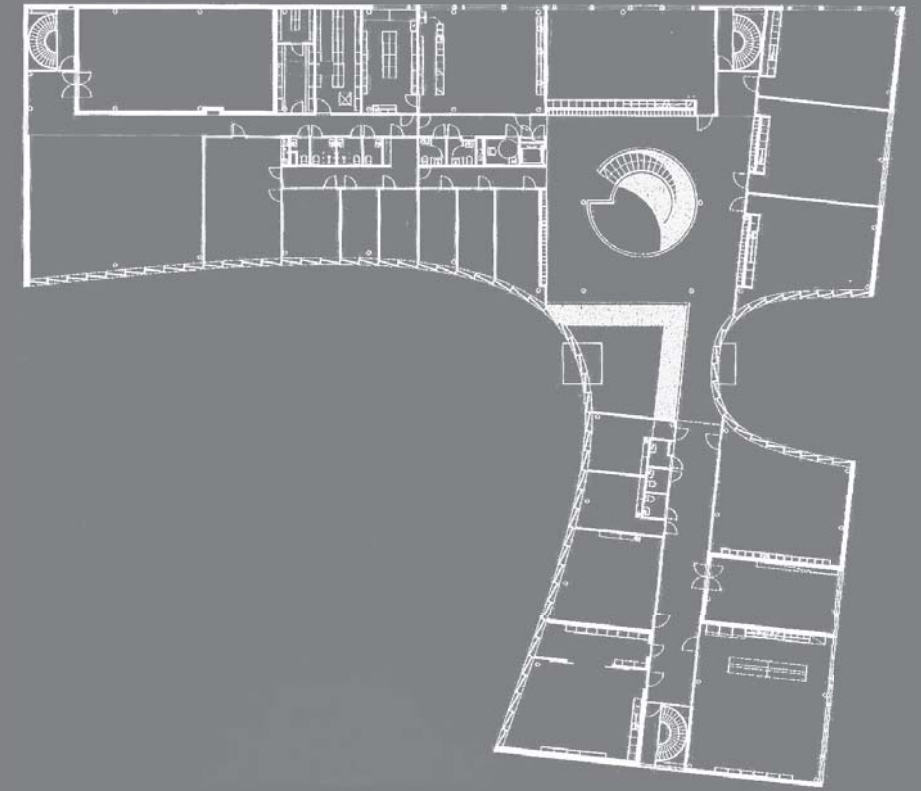
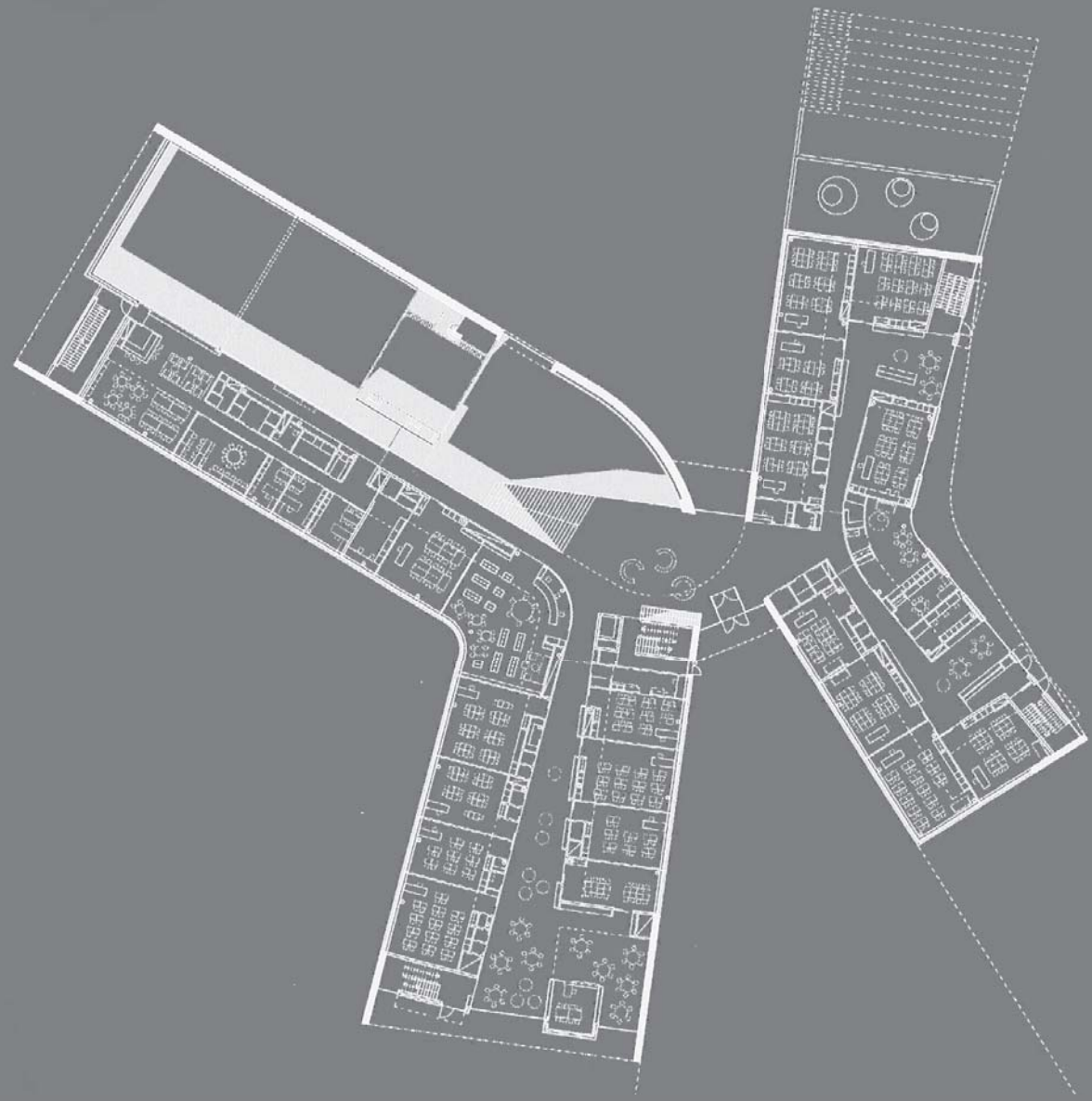
Rest of Finland

600,000

- Helsinki city schools
- 195 schools
- 62,503 students
- 4,735 teachers

- Chicago public schools
- 655 schools
- 408,600 students
- 588 principals
- 24,600 teachers

Case Studies - Helsinki Schools



Architectural Concepts room to GROW

- o Transparent Teaching
- o Learning is Doing
- o Spontaneous Collisions



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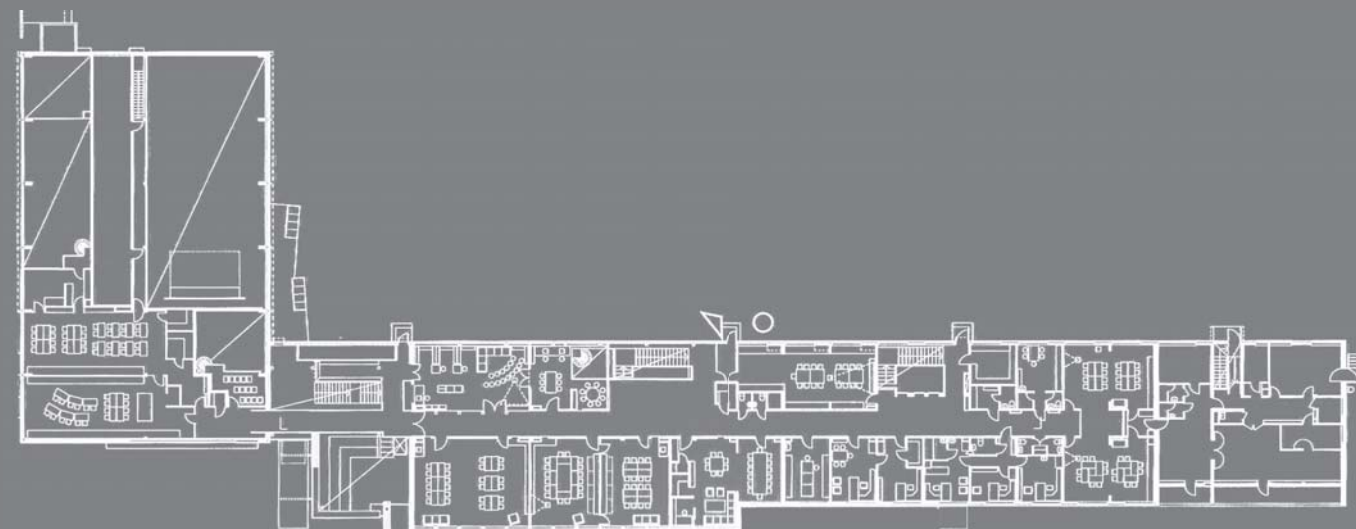
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Strömberg School

- Pitäjänmaki, Helsinki
 - Invite Competition 1996, completed 2000
 - Architects SAFA
-
- Lower School
 - Ages 7-11
 - 140 students



Strömberg School



Strömberg School



Hiidenkivi School

- Helsinki

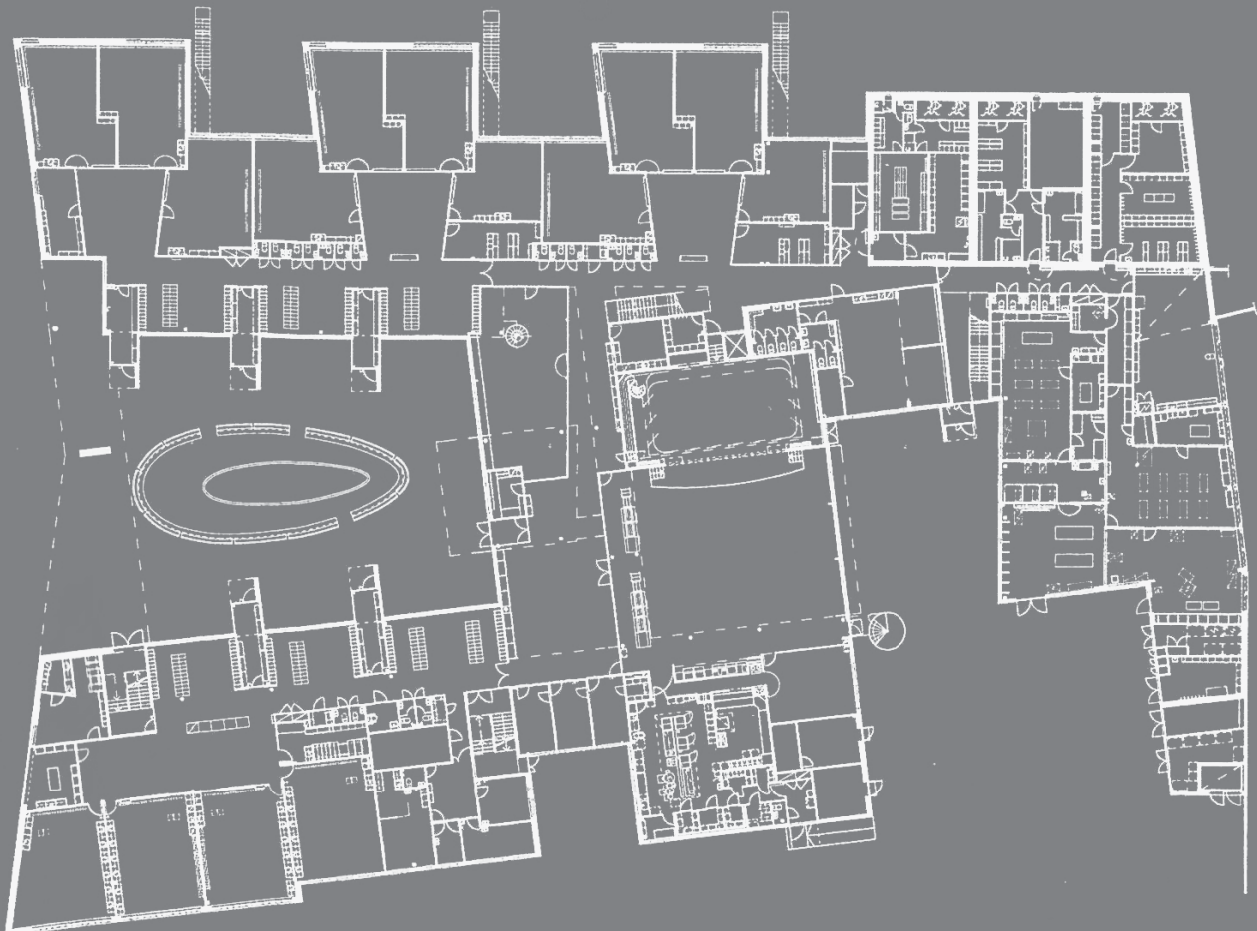
- Completed 2004

- Hakli Architects

- Comprehensive School

- Ages 7-16

- 800 students



Hiidenkivi School



Hiidenkivi School



Kirkkojärvi School

- Espoo, Helsinki

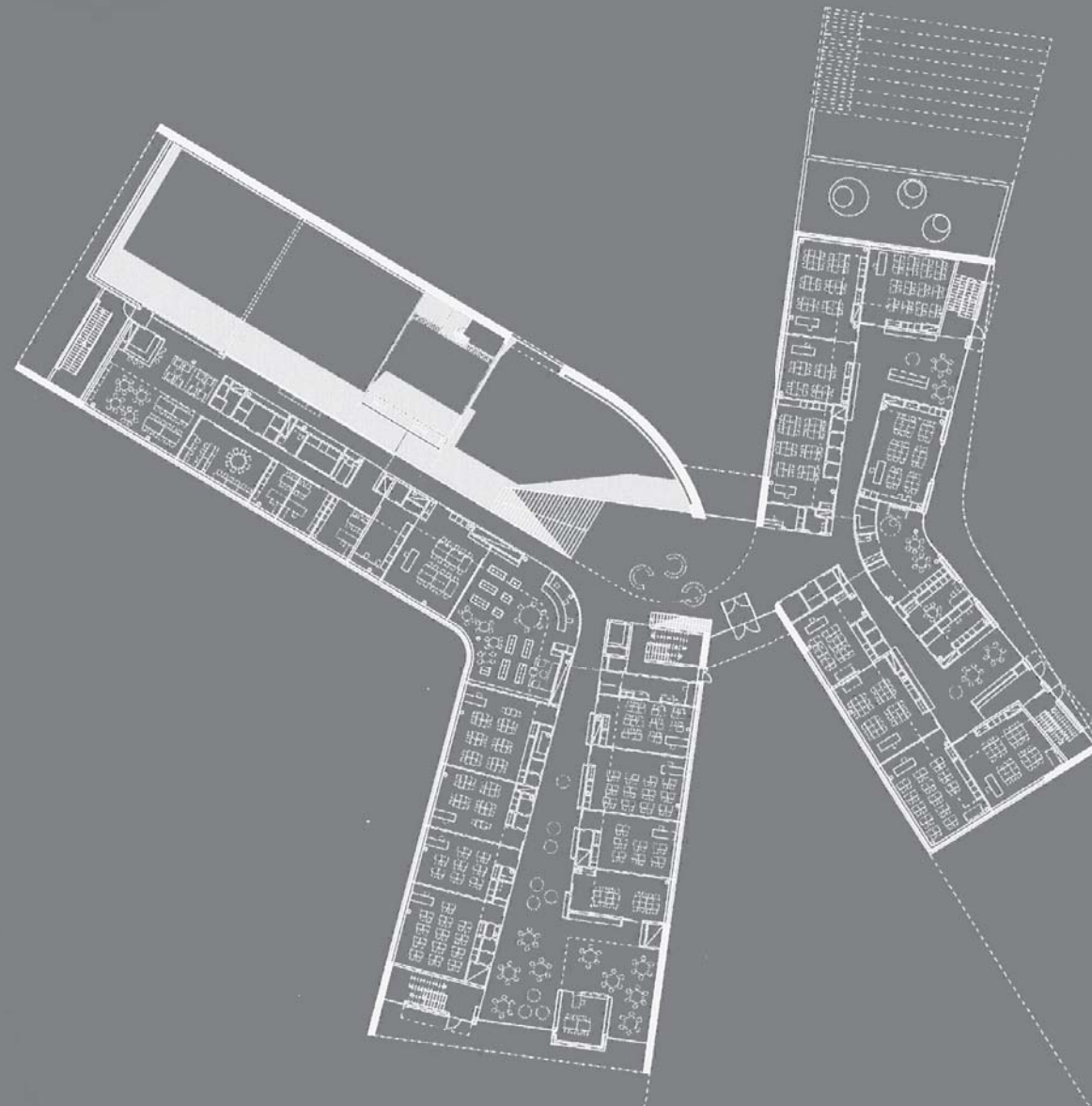
- Competition 2009,
completed 2010

- Verstas Architects Ltd.

- Comprehensive School

- Ages 7-16

- 770 students



Kirkkojärvi School



Kirkkojärvi School



Kirkkojärvi School



Enter Sipoo School

- Sipoo, Nikkila

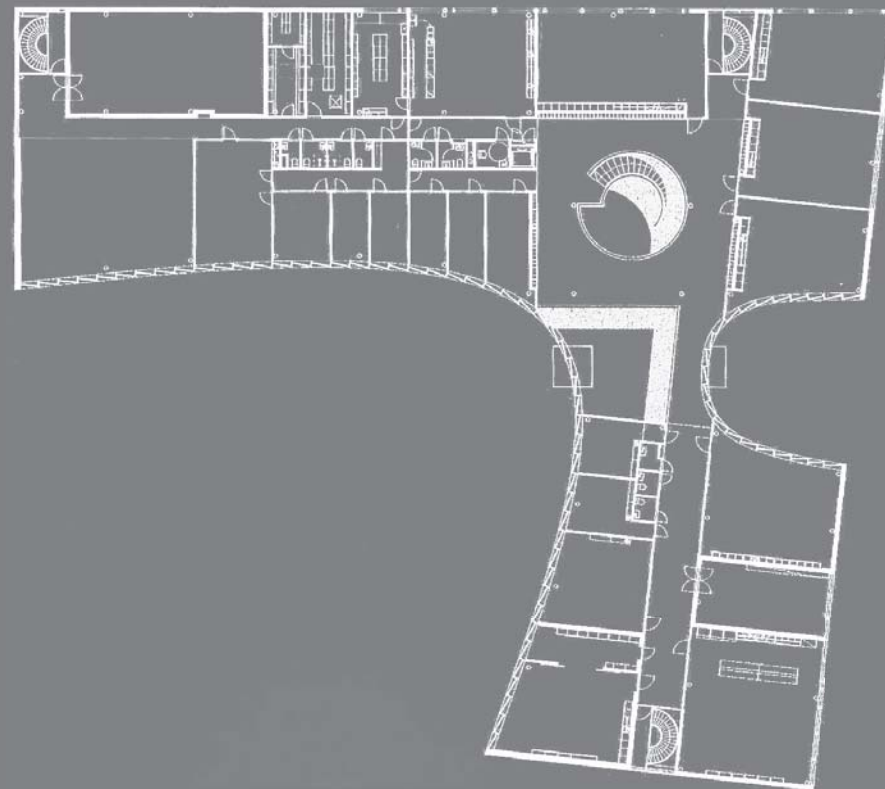
- Invited competition 2003,
completed 2007

- K2S Architects Ltd

- Upper secondary &
vocational school

- Ages 15-19

- 350 students



Enter Sipoo School



Enter Sipoo School

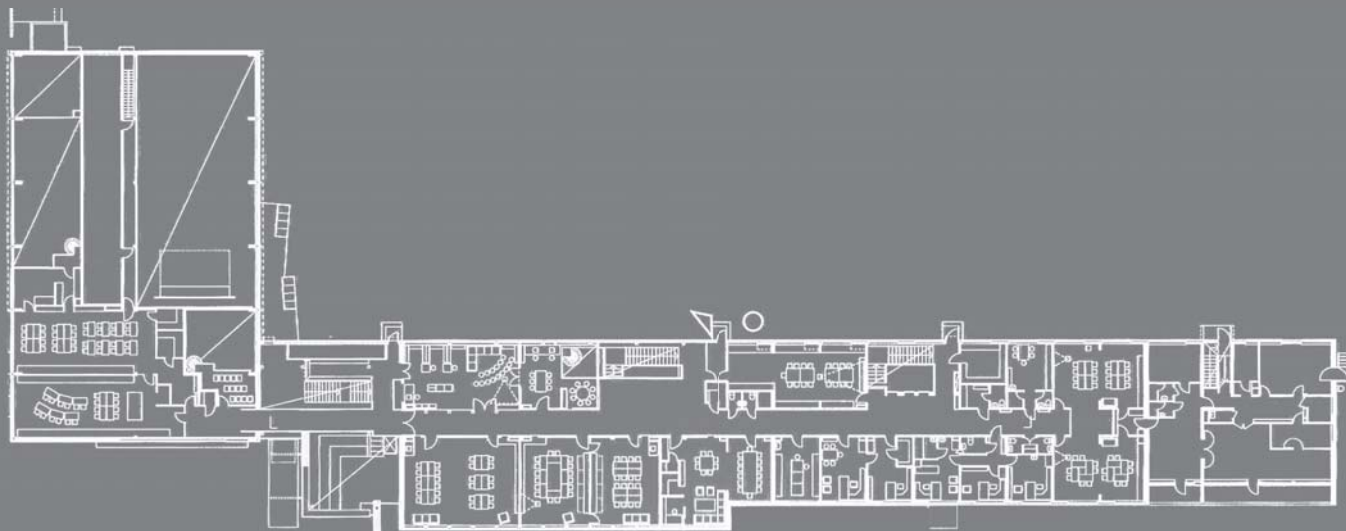
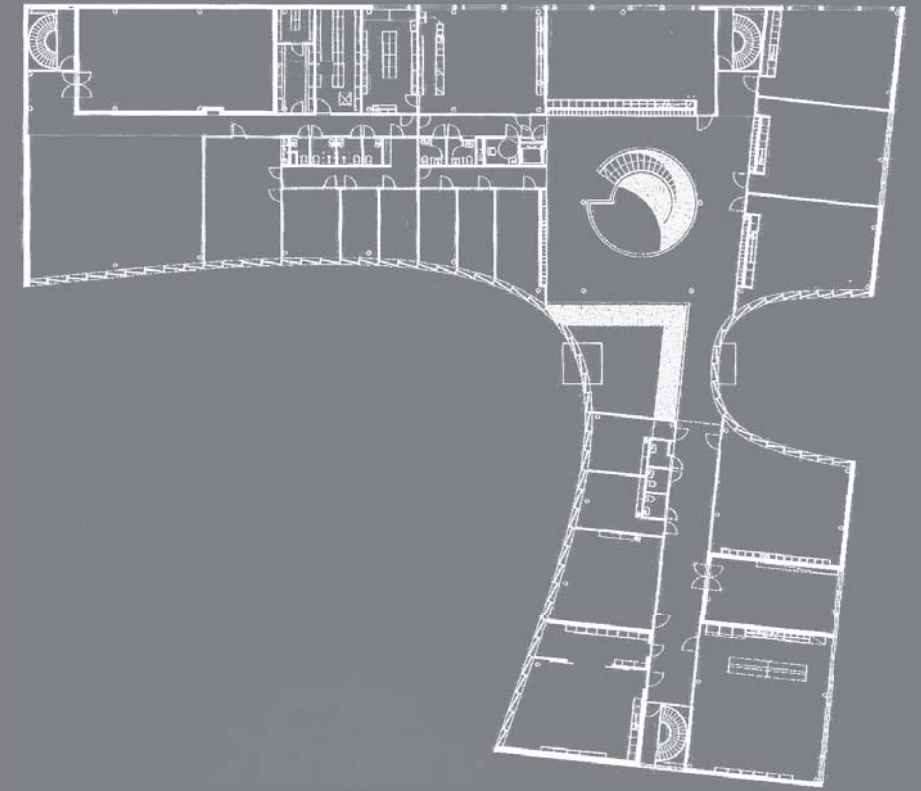
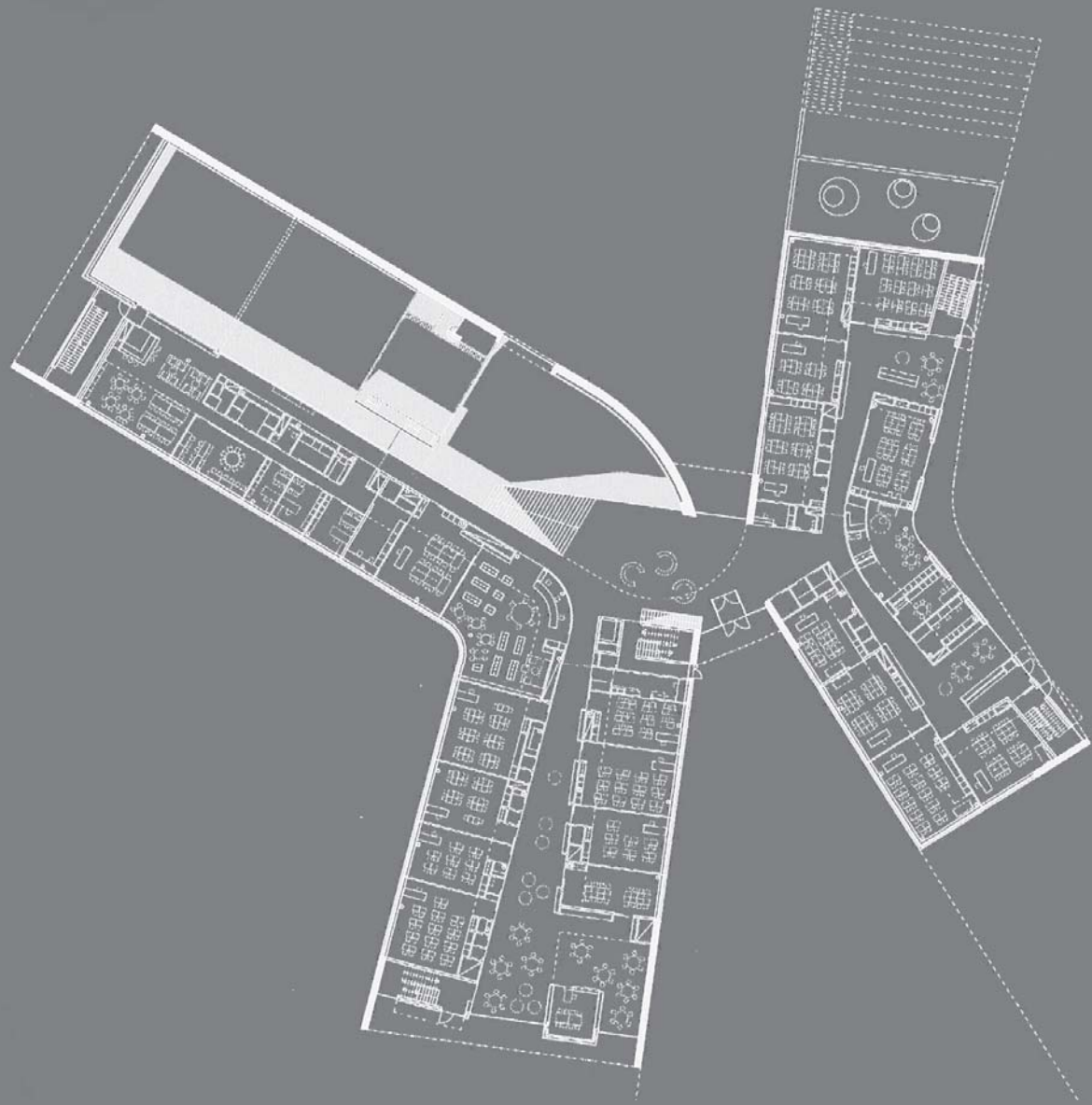


Enter Sipoo School



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- Learning is Doing
- Spontaneous Collisions





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mckenzie.241@gmail.com

<http://2011martinrochescholarship.tumblr.com/>



thank you!