







School gardens in Denmark – organization and effects of the Gardens for Bellies school garden program 2014-2016

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Gardens for Bellies - Background

- Haver til Maver est. 2006
- Since 2014, 20 small and largescale school gardens started
- A gastronomic school garden concept: outdoor cooking, food growing and nature education.







Research methods



Methods	Number
Interviews – garden educators	8
Interviews – teachers	14
Interviews – decision-makers and project staff	9
Focus group interviews - children	5 focus group interviews x 6 children per interview (+ individual interviews with special needs children)
Observations – garden activities	9
Observations – competence development/network workshops	4

Explorative case study research

- Qualitative methods
- Literature reviews: 1. Identity+ social competencies. 2. Learning
- Survey of parents







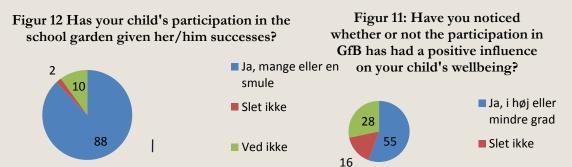


Life skills, wellbeing and social relations



- Teaches children confidence and gives them successes
- Supports social relations and wellbeing

"I feel like I get bullied a lot at school. But when I am over there, there is hardly anyone bullying me. It's as if, well as if, they have never ever bullied me over there. It never happens. They let me in and let me participate. That doesn't happen much here at school." (5th grade boy)







The central school gardens



- Learning about and connecting with nature.
- Taste development
- Chefs, farmers and nature guides create excitement around learning
- Appreciative pedagogy emphasizing children's successes
- Children more motivated to learn

School- and communitybased gardens



- Stronger synergy between garden and classroom
- Teachers see numerous opportunities to teach science, home economics, languages, math, arts and other subjects
- A place for contemplation, stress-relief and physical activity
- Children are more motivated to learn

"It's a wonderful 'classroom' out here. You can use it for any subject. So I don't think it's hard to use the garden." (Teacher, lower grades)



gendas in school garden programs Culture Gentofte **Nature** Sustainability **Assens Gentofte** Aarhus Gribskov School garden Health Roskilde Gentofte Gribskov Food Education Assens Roskilde Gribskov **Aarhus Gentofte** Foto: Haver til Maver, Tommer



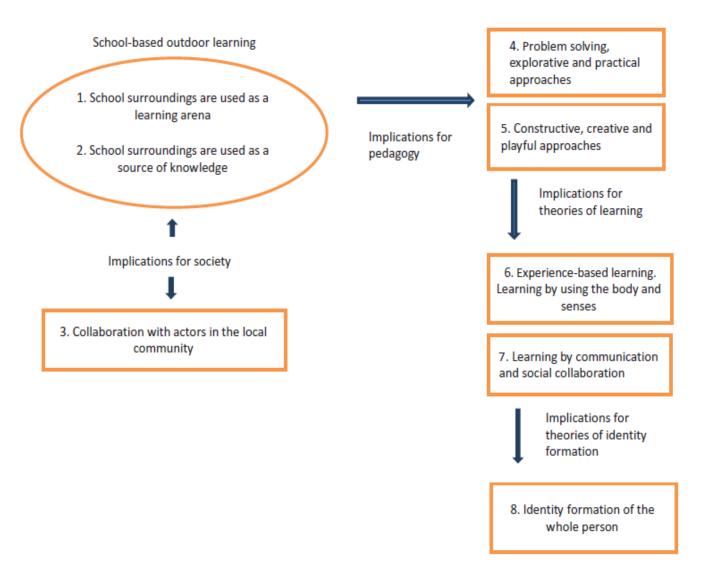
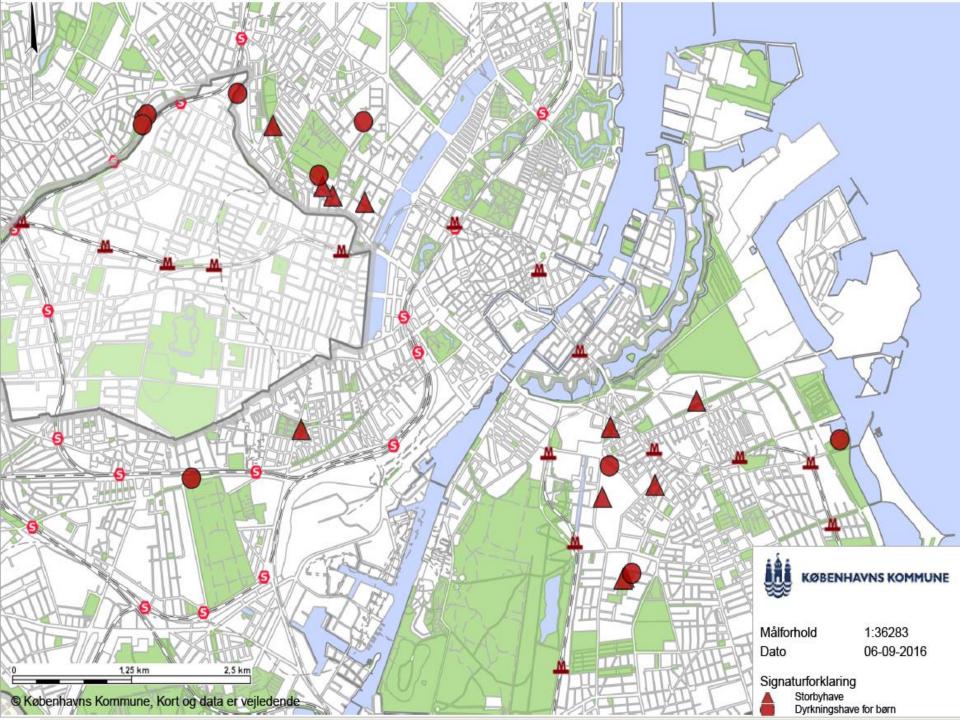


Figure 1. A model of characteristics of school-based outdoor learning Source: Translated from Jordet (2010, pp. 34–35)







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