	Mathematics, Handicraft, Technical education, Physical education
Art form	Handicraft, design, outdoor architecture
Teaching points	Practical use of school book in mathematics. Planning and constructing. Recycle of material. Nature as resource for learning.
Aims	Curriculum for compulsory school, year 1-6 Syllabus 3.5 Mathematics, p.47 Education aims to develope interest in maths and to find self esteem to to use maths in everyday life. The pupils get a possibility to experience esthetic values while encountering mathematical forms, patterns and pertinence. The education prepares the pupils to formulate and solve problems and to reflect and value on chosen strategies, methods, models and results. Syllabus 3.16 Handicraft, p.217 Handicraft is manual and intellectual work in combination with creativity and to handle duties in daily life. Education aims at developing knowledge about colour, form, function and construction and how to combine mentioned knowledge in choice of material and technic. Syllabus 3.20 Technical education, p.253 Education aims at solving problems meet people's needs. Syllabus 3.4 Physical education Education aims at finding a healthy lifestyle. It means to plan and do physical activities.
Duration	5 lessons per week for 5 weeks + outdoor workshop one day with parents
Lead-in Questions	Why is there a two page picture of steeplechase course in first chapter, math book, grade 3? Can we construct it ourselves? How to do addition and subtraction up to thousand? Is there practical and technical solutions of the math problems in our school book?
The teaching procedure (activites)	<ol> <li>Training addition and subtraction.</li> <li>One 9 year old girl in class points out the picture in the book and suggests to go out and construct the school book problem in real.</li> <li>Maths as tool in everyday life.</li> </ol>
Teaching aids (materials)	School book in maths.  Drawing paper and pencils for brainstorm of ideas for constructions.  Materials to be found in school storehouse and in pupils' homes.  An outdoor place.  Shovels, sand, screws, rope.

Classroom managament	In class: training addition and subtraction relating to the planned outdoor construction In class: calculate distances and material cuality. Outdoor: prepare place for physical training
Expected outcomes	Understanding the relation between maths and reality.
Evaluation	The education was planned for grade 3-4. Parents assisted with recycled car tyres, rope, tools to hammer and screw. All school got a new playground for physical training.
Resources for Teachers	http://www.naturskola.se/_filebank/Naturen_som_klassrum(1).pdf p.4, to assist students to orientate in a complex reality