

# Struve Geodetic Arc as Multidisciplinary learning module in Teacher Education with Class Teacher and Subject Teacher Students - Challenges and Possibilities

Marjo Autio-Hiltunen  
University of Jyväskylä, Finland

## Abstract

**The national Core curriculum (2014) defines the objects and core contents of each subject. According the curriculum Integrative instruction is a vital part of a school culture and is to enable the pupils to see the relationships and interdependencies between the phenomena to be studied. In Jyväskylä teacher education curriculum, distribute minimum lessons to study in different subject especially in art education. To promote learning and understanding cultural heritage education, we combined class teacher and natural science students' courses to get different expertizes to cooperation.**

**The task in every course were to take UNESCO, World Heritage Sites and Struve Geodetic Arc in the study planned for grades 1-9 and some adult or secondary classes. The student visited Oravivuori, the local point of Struve Geodetic Arc in Korpilahti and planned excursion for pupils and classes during spring or autumn 2017.**

**We used different learning environments as development psychology supports the idea of multisensory experience and different dimensions of human mind that needed in learning. Internet serves material to independent studies about UNESCO and the world heritage sites and material for studies about different cultures. Struve Geodetic Arc joins ten countries by 34 station points. We shared special lectures about Struve Geodetic Arc local, global history and the geometric basic idea to follow later in internet.**

### **Keywords**

Integration, Multidiscipline, Learning environments, Class teacher, Subject teacher.