



# Walking friend

**Age-group:** 12-14 years old

**Number of hours:** 24 hours + 2 optional school trips

**Short description of activity:** Students design and build a prototype of a 21st Century Walking frame. In groups, they research on some specific problem of the elderly and design a practical solution to be attached to a walking frame.

**CT-competences:**

- Data collection
- Data analysis
- Data representation
- Problem decomposition
- Pattern recognition
- Parallelization
- Generalization

## Goals

---

Through the study and analysis of Population Pyramids, students become aware of the problem of an aging Europe. The general problem is narrowed to a specific set of elderly people: those

