Digital Technologies in STEM Education



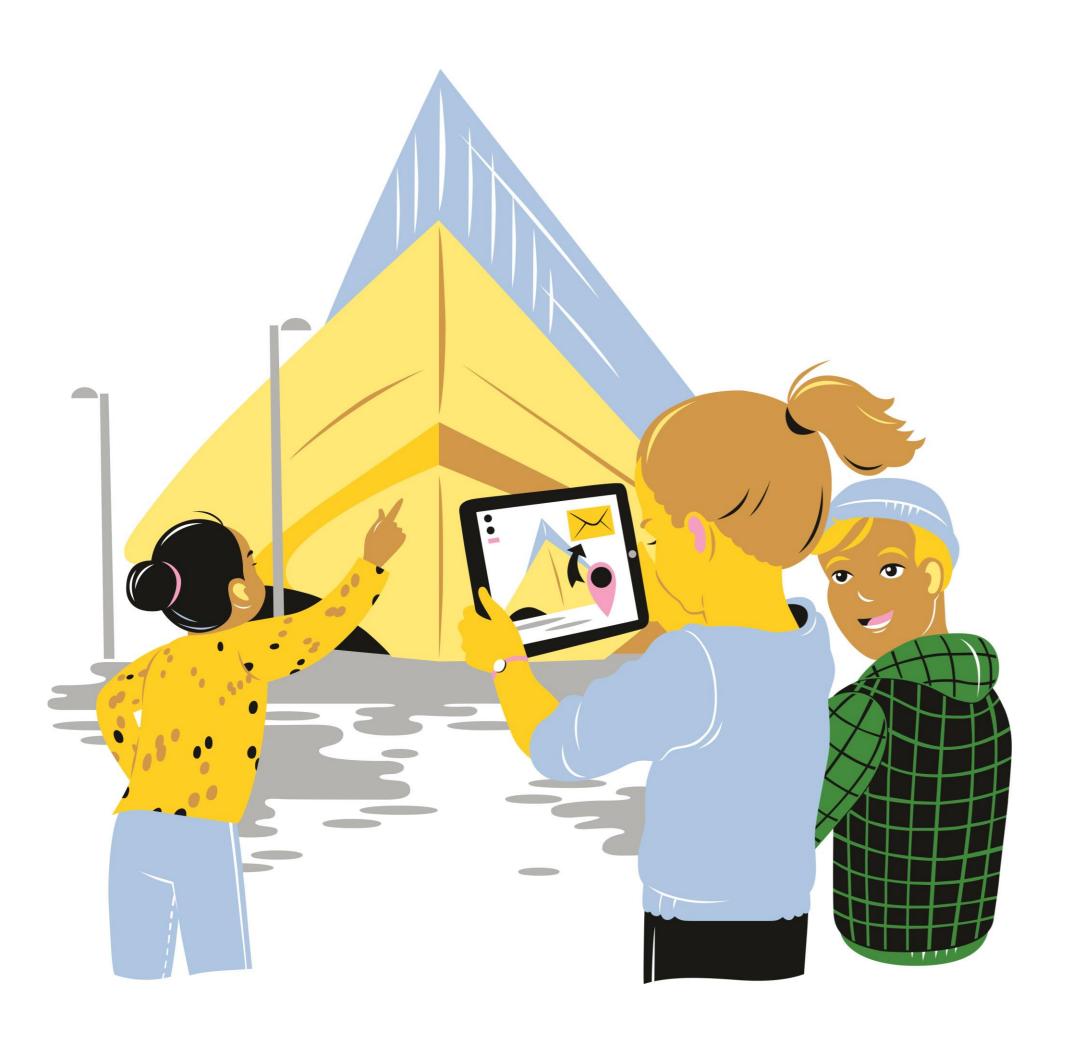
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A digital portfolio as a tool for documenting the learning process

- In early childhood and pre-primary education in Helsinki, the activities and learning processes of the group are documented in a digital portfolio.
- It is a tool for planning, evaluation and development. With the help of the portfolio, the staff reflects on what kind of goals are set for the group's pedagogical activities and how the children's participation is realized.



Illustration Riku Ounaslehto



The fascinating STEM project for preschoolers included several goals and content areas:

- Exploring Technology and Design: The children had the chance to delve into the fascinating world of technology and design by examining old objects.
- Fostering Inventiveness: By providing them with opportunities to invent new things, we nurtured their creativity and problemsolving skills.
- Creating Supportive Learning Environments
- Introducing Digital Tools and Documentation

The digital portfolio template is used in early childhood education in Helsinki. It is an easy-to-use tool to make the group's learning processes visible.