



# FIVE YEARS CONSTRUCTION KITS IN PRIMARY SCHOOLS

## Results and impacts of a project to facilitate technology education – an evaluation study



<https://patt40liverpool.edublogs.org/>

### FACTS about the project "Technikkiste"

- the project was launched in 2018 by the Ministry of Education in Rhineland-Palatinate
- about 4000 metal construction kits about 263.000 €
- in-service-training for teachers in 2018 and 2019 355 participants, who got another box for their school

### FACTS about the study

- study was developed in July 2023
- 69 participants out of 921 primary schools response rate : 7,5 %
- questionnaire with 29 items grouped into 6 different dimensions
- How are these boxes used today and what feedback can users give to the ministry?

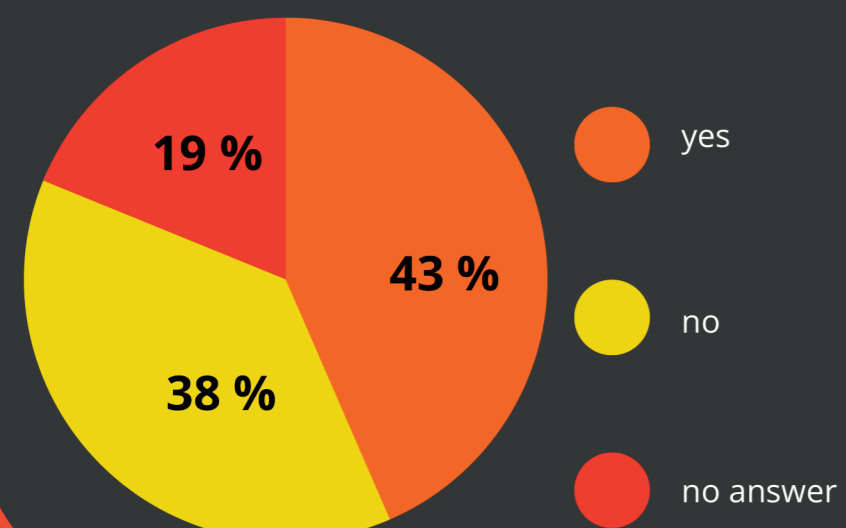
## results

each school had about 2.8 complete metal construction kits at the time of the survey

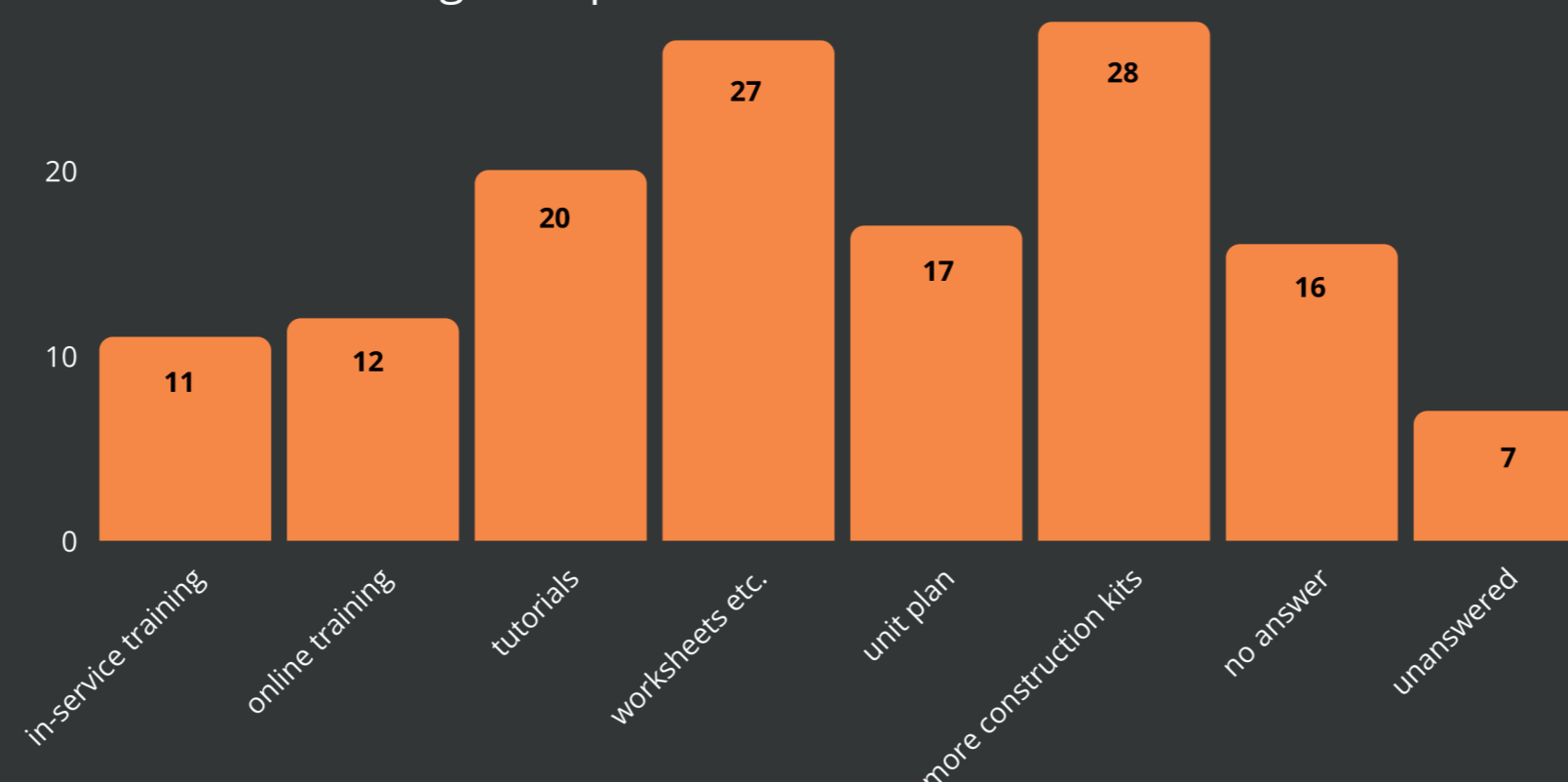
only about 70 % of the participants said they were aware of the metal construction kits

technology kits are used mainly in grades 3 and 4 and preferably in the mornings in class

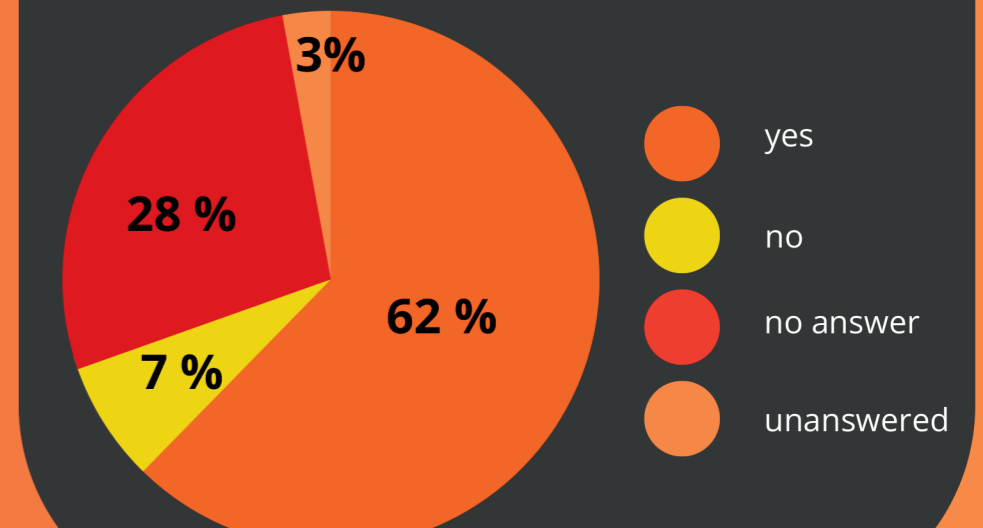
Did your school ever use the metal construction boxes?



30 Which offers might help to use the construction kits more often?



Would you take additional boxes if you had the opportunity?



**most common reasons for non-use:** lack of staff, lack of time, and no or too few engineering kits received

**main reason for attending the training:** predominantly interest in the subject of physical education, technology, and STEM promotion

### More Information :



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