

School-Community-Project

Waste: Examples of research questions

Examples of research questions that could be addressed within the framework of a school-community-project on the topic of waste:

- Where can you find plastic waste and how does it get there? What can be done to reduce it / recollect it?
- How is corona affecting the environment?
- How much waste do the gloves and masks cause?
- How much waste do we produce if we use one-way masks compared to washable masks?
- How much more grey water do we produce by washing our hands longer and more often?
- How did our waste behavior change during corona?
- How can waste be reduced in normal times/ in times of corona?
- How does our habit of ordering in the internet influence the waste production?
- How has corona effected the use of paper?
- How can paper waste being reduced?
- In times of Home-Office and home schooling: What is better: reading on the screen or printing documents?
- How can waste be reused - upcycling?
- Why and how to separate waste? Where to collect the waste? – international differences?
- Waste system changes from being collected to local collection places – does this work?
- How can water consumption be reduced?
- What effect does it have, if we buy clothes second hand? Recycle or exchange them?
- What effects does it have if we buy things second hand? Exchange them?
- How can we recycle electronical waste?
- How can electronical devices be repaired?
- Waste in schools and waste in canteens – is there a difference?
- How can food waste be reduced?
- Compare food waste and waste in school canteens?
- How can biological waste be made useful by worm hotels/worm farms?
- How much waste is compared in a canteen of an enterprise in comparison with a canteen at university or school? What can they learn from each other?
- If we buy new furniture, where does the old furniture go?

Important: Decide collectively on questions you want to pursue!

Exemplary links to school subjects

The projects are intended to be interdisciplinary. The subjects mentioned here are therefore to be considered as subjects that coordinate the project and where the focus lies. The subject Art always plays an important role in communicating the results.

- **Biology:** Experiment to find out how long different materials take to decompose.
- **Chemistry:** What layers does a milk carton consist of?
- **Geography:** What impact does rubbish have on our ecosystem?
- **History:** How did people live 100 years ago and what kind of rubbish was produced then? How was waste dealt with back then? Can we learn something from it for today?
- **Mathematics:** Calculations of how much waste can be reduced by certain measures.
- **Religion/Ethics:** To what extent do we bear responsibility for the waste problem?
- **Economics:** What alternatives are there to waste-intensive packaging, what do they cost?
- In **English, German or Spanish** lessons, you can exchange ideas with projects from other countries.