



CLIMATE PROJECT - PLANNING SHEET

Title: Trash in the Ocean

Author: Lea Sophie May

Age: 4-7

Content:

This is a project idea on the topic of marine litter. The aim of this project is to explain and deal with marine litter in an age-appropriate way for preschool children. Ocean pollution has a negative impact on the climate, marine flora and fauna, human health and the economy. More information can be found here:

<https://www.europarl.europa.eu/topics/de/article/20181005STO15110/plastik-im-meer-fakten-auswirkungen-und-neue-eu-regelungen> (last accessed: 10 February 2025, 12:15 a.m.)

Development goals:

- Promotes knowledge about the environment
- Promotes creativity
- Promotes social skills (working/operating in a group)
- Promotes imagination

Planning:

Finding ideas: Children are interested in the topic and it is discussed in the group. (morning circle, lunch round, etc.) (1st unit)

- Integration into everyday life/free play: Integrate books or games on the topic into everyday life. (Incidentally)

- Explain waste separation (2nd-3rd unit)

--Design rubbish bins with the children, with symbols indicating what goes in which bin

--Collect plastic waste from breakfast etc. for a week and see together with the children what constitutes a lot of waste.

--(Develop ideas for waste avoidance)

-(If possible, take a trip with the topic: Where does the rubbish from the rubbish bin go? Refuse collection etc. (4th unit))

- Explain the possibility of painting the junction boxes and think of designs for them together (5th unit)

- Paint the junction boxes (6th unit)

- Think together about how the project can be displayed in the daycare centre (posters, etc.) (7th unit)

- Design the posters or similar together (8th unit)

(presentation to the parents (e.g. joint presentation of the poster) (9th unit))

Resources:

-Knowledge about the topic (polluted seas, etc.)

-Free play materials for the topic (see picture)

-For the 2nd-3rd unit: garbage cans, things for crafting (paper, scissors, pictures of garbage, stickers, etc.),

garbage, storage options for the collected plastic waste(for excursions, possibly money, transport options, contacts for a possible excursion destination)

-Option to paint the junction boxes

-Material to paint the junction boxes: cleaning utensils (to clean the junction boxes first)paint, brushes, sponges, spray cans (which work best), camera (to document the project), overalls, gloves (or other protective clothing), poster and craft supplies for the poster (possibly real (cleaned) garbage to stick it on the posters), glue, etc.

Feedback: