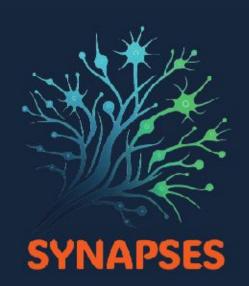
Microplastic and cradle to cradle

Annika Meyer Lessing-Gymnasium Neu-Ulm Secondary School





I will implement my scenario in: 8st grade

The duration of the implementation is: 5 hours

My scenario goals are:

- explain the different areas of sustainability: ecology, economy and social
- 2. describe the natural nutrient cycle in an ecosystem
- Draw a concept map of the formation of microplastic
- explain the concept of cradle to cradle
- describe factors that influence the ecological footprint

How will I achieve my educational goals?

educational goals?



Remember that your scenario goals should be linked with Sustainability Citizenship.

1st lesson:

What is meant by sustainability

2nd lesson:

How is an ecosystem working?

3rd lesson:

Plastic – once in the cycle forever in the cycle?

4th lesson:

How can we stop producing waste? - Nature as a model.

5th lesson:

Are we living (too) large? – The ecological footprint

In the end of the project the students should think in cycles in everyday life and collect concrete ideas on how they can act more sustainably in the future.

Concept an ideas of:





Justus Braune und Prof. Dr. Jürgen Paul





This activity links to the Sustainable Development Goals:





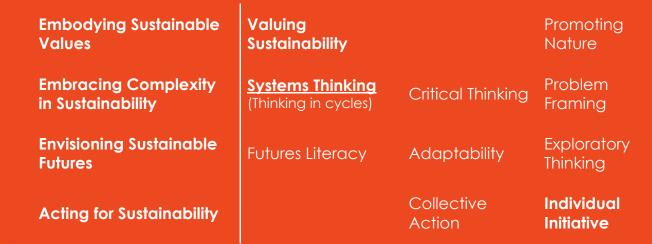


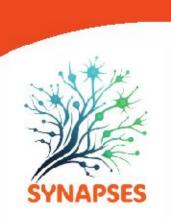












I will collaborate with:

- another science teacher: Christopher Hering
- Justus Braune from the university of Bayreuth

Here is my plan for integrating this scenario in my school this year:

I will do this project with my 8th grade the following weeks

