

# Unterrichtskonzept in vier Phasen

**Titel:** „Climate Change and Plastic Pollution: We are drowning in Plastic “

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**Termin:** 27th October 2023

**Bezug zu SDG:** 13

**Schule:** Internationaler Bund Berufliche Schulen Reutlingen

**Unterrichtsfach/Berufliches Feld:**

Zeit	Titel	Methode & Material	Lernziel
Vorstellung und Sensibilisierungsphase			
10 Min.	Introduction	<ul style="list-style-type: none"><li>• The facilitator starts introduce themself, students can write their name on a paper as a nametag.</li><li>• Playing guess the country: The facilitator will be reading short narratives about the country she is from, and let the students guess.</li><li>• <i>Alternative if students have access to the Internet: Getting to know about Indonesia by playing online quizzes. Students will use</i></li></ul>	The facilitator and class participants can get to know each other and soft introduction to the topic by playing trivia game about Indonesia.

		<p><i>their own phone to access the online game provided.</i></p> <p>PPT: Beamer, Leinwand, Laptop, Speaker, empty nametag (if possible)</p>	
10 Min	Introduction and discussion about the 17 SDGs	<ul style="list-style-type: none"> <li>• Showing video „Number in Action“ as an introduction of SDGs  <a href="https://www.youtube.com/watch?v=Mdm49_rUMgo">https://www.youtube.com/watch?v=Mdm49_rUMgo</a></li> <li>• Each Participant randomly choose 1 SDGs card</li> <li>• The facilitator will show each SDGs pic on the slide, and participant who got the SDGs card will give short info about what they know of the SDGs card on their hand.</li> <li>• <i>Alternative if there's enough time: Play gamethegoals.com as summary of the topic. Alternative if there's internet access for student: kahoot/quizez</i></li> </ul> <p>PPT: Beamer, Leinwand, Laptop, Speaker, 17 SDGs set card (2 sets)</p>	To familiarize the participants of the 17 SDGs and have them sharing their prior knowledge about the info to their peers.

2-5 Min	Introduction to the topic: “We are drowning in Plastic”	<ul style="list-style-type: none"> <li>• Showing participants some more photos of the beauty of Indonesia natures gradually shift to ‘disastrous plastic situation’</li> <li>• Followed by video ‘So much plastic!’ <a href="https://www.youtube.com/watch?v=ArYLGNe-jCA">https://www.youtube.com/watch?v=ArYLGNe-jCA</a></li> </ul> <p>PPT: Beamer, Leinwand, Laptop, Speaker</p>	This will give a visualization to the participants of the situation in Indonesia.
<b>Informationsphase</b>			
10 Min	PPT Presentation and discussion	<ul style="list-style-type: none"> <li>• PPT presentation by facilitator</li> <li>• Watching video ‘Story of Plastic’ <a href="https://www.youtube.com/watch?v=iO3SA4YyEYU">https://www.youtube.com/watch?v=iO3SA4YyEYU</a> so that students understand how Indonesia’s problem linked to the world, followed by students giving opinion</li> </ul> <p>PPT: Beamer, Leinwand, Laptop, Speaker</p>	<p>There are some important aspects need to be delivered during the information session:</p> <ul style="list-style-type: none"> <li>• The problem faced by Indonesia regarding plastic</li> <li>• What caused the issue</li> <li>• How other first world countries contributing to the issue.</li> </ul>
5-10 Min		<ul style="list-style-type: none"> <li>• Guess the plastic cycle game</li> <li>• The class divided into 5 groups (5-6 members each).</li> <li>• Each group given printed set photo and</li> </ul>	To inform the danger of each plastic product to the nature.

		<p>toothpick to represent years (1toothpick = 10 years)</p> <ul style="list-style-type: none"> <li>• Have them guess how long it takes for each materials on the photo can be processed by nature.</li> <li>• Check the answer together.</li> </ul> <p>5 set Printed photo, 5 set toothpick</p>	
10 Min	PPT Presentation and discussion (Climate Change)	<ul style="list-style-type: none"> <li>• Continuing PPT presentation</li> <li>• Watch video 'Plastic is Accelerating the Climate Crisis' <a href="https://www.youtube.com/watch?v=lgSBzfa-eKk">https://www.youtube.com/watch?v=lgSBzfa-eKk</a></li> <li>• <i>Alternative if there's enough time: Ice breaker: 'SDGs Vote', participants will put sticker on SDGs picture that they think linked to the issue.</i></li> </ul> <p>PPT: Beamer, Leinwand, Laptop, Speaker, SDGs Poster, sticker/small sticky notes</p>	<p>What are the effects of the plastic issue (in smaller and bigger scale)</p> <p>And how it contributes to climate change.</p>
<b>Handlungsoptionen</b>			
	Groupwork	<ul style="list-style-type: none"> <li>• Participants will be divided into groups consist of 5/6 (around 5 groups).</li> <li>• Each group given 1 prompted question to</li> </ul>	<p>Students are given time to discuss what action they can take as younger generation to deal with the issue.</p>

10-15Min		<p>discuss within their group.</p> <ul style="list-style-type: none"> <li>• Write down the answer on padlet/flipchart.</li> </ul> <p>Questions:</p> <ol style="list-style-type: none"> <li>1. What damage could microplastic do to living creature?</li> <li>2. List immediate action you can do to reduce the amount of microplastic.</li> <li>3. List the reason why people should immediately reduce the plastic usage.</li> <li>4. Why do I care about climate change?</li> <li>5. List immediate action you can do to slow down climate change.</li> </ol> <p>working on padlet</p> <p>Alternative:</p> <p>Marker (2 per group)</p> <p>Flipchart paper (Max.2 per group)</p>	
2-3 Min	Energizer	Drink water/Relax/Coffee Break	
15-17 Min	Presentation	Students present their idea and final	

		<p>discussion (each group deliver their idea for max.3 min)</p> <p>The answer will also be displayed on the screen so the other groups can directly read on their discussion answer.</p>	
<b>Auswertungs-und Reflexionsphase</b>			
10 Min	Summary and Feedback	<ul style="list-style-type: none"> <li>• Participants are asked their takeaway of the session</li> <li>• Feedback Form</li> <li>• Followed by photo session if possible</li> </ul>	As a takeaway.
<b>Insgesamt</b> <b>100</b> <b>Minuten</b>			