

M19a - Lesson preparation

Date	Friday, 14 January 2022
Time	15:05-15:50 / 15:55-16:40
Class	M19a
Topic	Mineral Resources, Circular Economy

Lernziele/Learning objectives (overall goals):

- Die SuS kennen die Bedeutung von "Circular Economy" bzw. Kreislaufwirtschaft und können diese erklären.
- Die SuS können den Weg vom Rohstoff bis zur Entsorgung (Produktlebenszyklus) an einem Beispiel beschreiben
- (Advanced: die ökologischen und sozialen Auswirkungen der Rohstoffgewinnung und -nutzung (Anbau und Gewinnung, Transport, Verarbeitung, Entsorgung) an Beispielen beurteilen)

Übergeordnete Kompetenzen:

I) Reflexive Fähigkeiten II) Sozialkompetenz III) Sprachkompetenz (bilingual)

Time	Topic/Questions	Methode/Material
15:05	Welcome, Program & Warm up	Frontal, Beamer, PC
15:10	Intro " Resources and Circular Economy (CE)" => Linear vs Circular approach What do you think that means? Do you have an idea or a guess or an example? Short video overview: Explaining the CE	Black board Sheet of paper (Sketch of your CE idea/guess) Beamer, PC Material CE from The GIANT Horse Knowledge pool Short video
15:40	Introduction Team Work for lesson 2 (if there is enough time, otherwise after the break) =>Examples of Focus Terra, Technical terms (Begriffe) linked to CE	Beamer, PC
	---Break time 15:50-15:55---	
15:55	Task 15 "Speedy post" of a Resources & CE topic (Teams of 2): =>deepen your knowledge, choose a topic of FocusTerra (Resources & Circular Economy) and create a " Speedy post " (see components), optionally you can also include a self-made audio file (podcast). >Overview of topics here Categories: Circular Economy, your class Tags: speedy post, your technical term > How to insert an audio into your post	Team work (free choice) The Horse 2021/22: Work & interaction environment The GIANT Horse (knowledge pool): Material Focus Terra, Mineral resources & CE Examples
16:30	Reflection in the class (takeaways), discussion, homework	Sheet of Paper with the students' sketch =>Class OneNote
16:40	End of lesson	
	Homework • Completing Task 15 • Watch the video CE and answer the 4 questions • Repetition and peer-to-peer feedback (optional, advanced)	