Unterrichtsmagazin

Abiturtraining kompakt: global ecological and economic challenges meet sustainability and inventiveness (S II)

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"From earthrise to sea rice to rain": Mit die er Ein eit was anolen die Lernenden Grundwissen zu ökologischen und ökonomischen Aspekten an Globalisierung ausgehend von Amanda Gormans Gedicht "Earthrise". Anschlätten den entnehmen und vermitteln sie Informationen aus aktuellen Sachtexten und Videocläs, anaty eren einen Zusingsartikel oder bewerten die Chancen und Herausforderungen den Globalisier ing in Zeiten der Pandemie. Digitale LearningApps-Übungen inklusive!

KOMPET ENZPROFIL

Klassen vfe: 11/12 (G8) vw. 12/13 (G9)

Da er: 1–9 Unterri htsstunden je nach Auswahl

nn. ' ological challenges and sustainable lifestyles (GK) bzw. Globalisation and

global challenges: economic, ecological and political issues (LK)

Kompete zen: 1. Hör-Seh-Verstehen: einem Kurzvideo zentrale Informationen entnehmen;

2. Lese- und Schreibkompetenz: auf der Grundlage von Zeitungsartikeln Texte zu den Bereichen *Summary*, *Analysis* und *Evaluation* (*Speech statement*)

LearningApps -

interaktive Lernbausteine

verfassen; 3. Sprachmittlungskompetenz: die zentralen Inhalte eines

deutschen Artikels in die Zielsprache mitteln

Material: Einstiegsimpulse, Kurzvideo, Klausurvorschläge für Grund- und Leistungskurs

M 3

Talking about climate change

Get ready to talk and write about climate issues with these revision exercises.

Task

1. Speaking: Look at the pictures below. Describe what effect of climate change are low





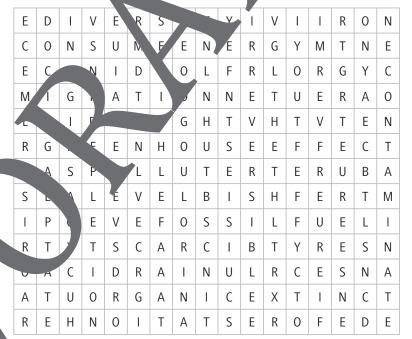


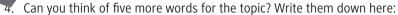


Photos: © www.colourbox.com

- 2. *Speaking:* With a partner, discuss in how far bese effects have touched your personal life already.
- 3. Vocabulary: Find a minimum of even terms in the word search below that represent the ecological aspect of globalisation. Circ. them. → ← ↓↑

You can also compathis task in *Learning*. S. Follow the link or QR code on the left.







https://learningapps.org/ view22710634



5. Viewing: Watch the video Taylor Swift's legs and climate change (4:02 min.) at https://raabe.click/TaylorSwiftClimateChange [last access: 02/12/2021].

What ideas does the video offer on the question how to talk about climate change?

Net zero needed

Climate change can be felt anywhere and needs to be addressed everywhere.

Tasks

1. Viewing: Watch the video What is net zero? (7:20 min.) from the magazine The Economist at https://raabe.click/VideoNetZero [last access: 02/12/2021]. Then tick the correct statement(s). You can also complete this task and an extra vocabulary task in LearningApps. Follow the links or QR codes on the right.



- 1) Global warming ...
- a) ... is caused by the emission of carbon dioxide into the atmosphere.
- b) ... can be slowed down by emitting carbon dioxide, which is hard for industrical like aviation.
- c) ... can be decreased by cutting existing emissions.
- 2) The active removal of greenhouse gases ...
- a) ... is called "negative emissions" and describes the damage CO₂ causes we it is emitted.
- b) ... is hard and still obscure as a process, so it is risky to rely or
- c) ... sucks more than 40 billion tonnes of CO₂ per year out of the air.
- 3) Examples of negative emissions are ...
- a) ... planting forests and improving soils to absorb m CO
- b) ... burning forests and planting more CO, resistant plants
- c) ... planting forests in new soils.
- 4) Innovations like storing CO₂ underground ...
- a) ... tempt polluters to take it easy and wait for a time when the technologies are more expensive.
- b) ... risk to invite to a slower approarce regards cutting en. ons to protect economies.
- c) ... are still at an early stage of dev lopm. I have not demonstrated to work on a large scale.
- 5) In addition, countries argued bout their respective carbon footprint responsibility. Some argue that ...
- a) ... manufacturing syntries wit a large CO, emission also sell and ship goods to rich countries with a smaller emission of should pay not negative emissions too.
- b) ... rich countries got rich a remerly emitting a lot of CO₂ when there was no awareness of climate characteristics and they should any their share now.
- c) ... poo er countries to lift their people out of poverty so they cannot pay for negative emissions.
- 2. Viswing: form yourself about the effects a rise of 3 degrees might have by watching the video 23 min. https://raab.click/3degreesGlobalWarming [last access: 02/12/2021]. Take notes.
- 3. Extre research: Language about ecological aspects and the role of innovation at
 - Hy ogen: fuel of the future? (8:04 min.) at https://raabe.click/HydrogenFuelFuture [last access 02/12/2021] or
 - tion: can it survive Covid? (14:07 min.) at https://raabe.click/GlobalisationCovid [last access: 02/12/2021].







https://lew__ngapps. org/view22710895



<u>https://learningapps.</u>
<u>org/view22710994</u>







RAARE 2022

M 6





https://learningapps. org/view22711351

Innovative ideas for a sustainable future – a close look

Approach the newspaper article on seagrass with the help of these exercises.

Tasks

1. Comprehension: Tick whether the following statements on the text are true of the You can also complete this task in LearningApps. Follow the link or QR code on the LearningApps.

	statement	† Je	false
1	The chef asked himself whether seaweed grains are edible		
2	The seaweed might represent a new superfood.	5	
3	There is no method to transplant seagrass to a ther spot.	6	
4	Sea animals leave salt marshes because the high describe saltiness.		
5	Tropical rainforests are not as good capturing dioxide as seagrass.		
6	Fertilisers and antibiotics are required to grow new fields of seagrass successfully.		
7	The growth of seagra not require transplanting.		



https://learningapps. org/view22711141 2. *Analysis:* Read the rewing sentences. Pur words in the box into the right gaps. You can also comple a time words in the link or QR code on the left.

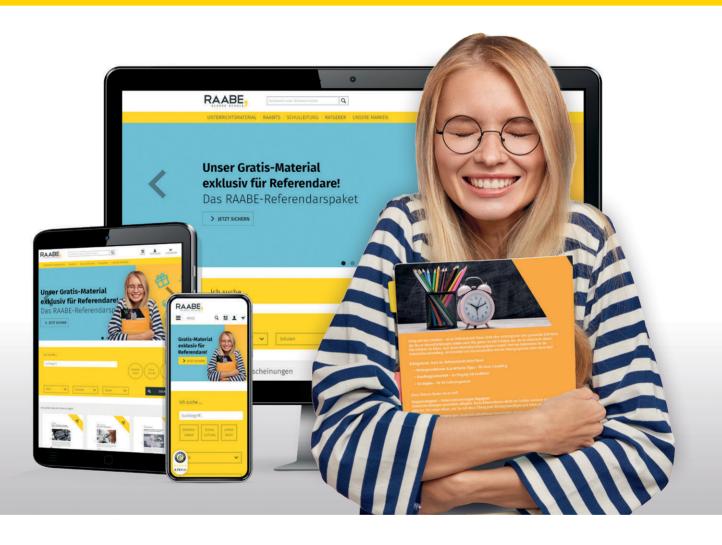
catchy	convinunce non-fiction	evidence	experts	informs
insight		refers	sources	

The cex hand	l, serious newspaper arti	icle. The journalist Kassam employs a
(1)	headline with a pur	n on "rice" referring to climate change
"rise" of the The subh	eading (2)	about the lates
discover, the chef Angel León.		
n the introd ion, Kassam descri	bes León's passion about	t food and his curiosity that made him
research the rairine grains of sea	grass. This (3)	the reade
pón's prosion and adds son	ne (4)	into his persona
packground.		
The journalist quotes León and	other (5)	who worked
with him to give (6)	(of their findings concerning seagrass
preover, she (7)	to fig	gures and facts to indicate the potentia
of seagrass which absorbs carbor	n dioxide 35 times faster	r than tropical rainforests. Numerous
(8)	are given such as th	he WWF, or Robert Orth, a professor a
the Virginia Institute of Marine Scie	ance to show how huge th	he notential of seagrass might be



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