



Schulcurriculum Fach: Geographie Klasse: 10

Inhalte	Fachliche/überfachliche Kompetenzen
<p>Geofactors and ecozones - The atmosphere and the changing climate</p> <ul style="list-style-type: none"> • the structure of the atmosphere • natural greenhouse effect and anthropogenic greenhouse effect • the changing climate – causes, consequences and solutions (regional and global examples) • classroom projects on climate change (melting of glaciers, thawing of permafrost soil, increase in weather extremes, rising sea levels, rising ocean temperatures and coral bleaching, etc.) • the broken carbon cycle and the carbon footprint • climate conferences and the Kyoto Protocol • the earth's pressure and wind belts • climate and vegetation zones the tropical circulation and the monsoon • climatic natural hazards in LEDCs and MEDCs 	<p>Sachkompetenz, Sozialkompetenz, Methodenkompetenz, Selbstkompetenz</p> <p>Raumorientierung, Raumanalyse und Raumerschließung</p> <p>Raumbewertung, Raumbewusstsein und Raumverantwortung</p> <p><i>Digital competence, Teamwork, Communication</i></p>
<p>Geofactors and ecozones – Endogenous and exogenous forces shaping the Earth</p> <ul style="list-style-type: none"> • the earth – a dynamic planet • vertical and horizontal structure of the earth • endogenous processes and plate tectonics • tectonic natural hazards in LEDCs and MEDCs • rock cycle, weathering and exogenous processes • soil formation • the tropical rainforest – a unique ecosystem 	<p>Sachkompetenz, Sozialkompetenz, Methodenkompetenz, Selbstkompetenz, Raumorientierung, Raumanalyse und Raumerschließung, Raumbewertung</p> <p><i>Digital competence, Creativity, Problem solving</i></p>
<p>Geofactors and ecozones – Water between shortage and abundance</p> <ul style="list-style-type: none"> • model of the water cycle • water – a global commodity in great demand • virtual water and sustainable water use <p>floods as natural hazards</p>	<p>Sachkompetenz, Sozialkompetenz, Methodenkompetenz, Selbstkompetenz, Raumorientierung, Raumanalyse und Raumerschließung, Raumbewertung</p> <p><i>Digital competence, Creativity, Problem solving, Communication, Initiative/self-direction</i></p>
<p>Sustainability and sustainable development – Global challenges and future perspectives</p> <ul style="list-style-type: none"> • sustainability as a new paradigm • detailed analysis of one larger case study as a classroom project (e.g. desertification of the Sahel Zone, Great Pacific garbage patch, etc). • ecological footprint and energy efficiency • renewable energies as realistic alternatives 	<p>Sachkompetenz, Sozialkompetenz, Methodenkompetenz, Selbstkompetenz, Raumorientierung, Raumanalyse und Raumerschließung, Raumbewertung</p> <p><i>Critical thinking, Communication, Collaboration, Teamwork, Global and environmental awareness, Self-confidence</i></p>



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Germany in a changing world

- Germany – a leading economy
- Economic development and structural change
- Demographic changes and shrinking cities
- Refugees welcome - Migration into Germany
- Analysis of selected case studies (e.g. Ruhr area, metropolitan Rhine-Main region, Halle-Leipzig region, etc.)

Sachkompetenz, Sozialkompetenz,
Methodenkompetenz, Selbstkompetenz
Raumorientierung, Raumanalyse und
Raumerschließung, Raumbewertung

*Critical thinking, Communication, Collaboration
Teamwork, Global and environmental awareness, Self-
confidence, Panel discussion*