

Fach: GK Geographie – bilingual		Jahrgang EF				
Vorhaben:	V1	V2	V3	V4	V5	
Thema:	The human habitat in different landscape zones	Living with the Earth's endogenous forces, weather extremes and climate change	Water – between shortage and abundance	Production and use of fossil fuels between economy, ecology and politics	Renewable energies – realistic alternatives for the world's energy hunger?	
Inhaltliche Schwerpunkte:	<ul style="list-style-type: none"> - Intro: What is Geography? - Climate / vegetation zones: climate diagrams - Humans shape the permanently humid tropics - Humans shape the semi-humid / arid subtropics* - Humans shape the polar / subpolar zones <p>* Including case studies from Europe</p>	<ul style="list-style-type: none"> - The Earth – A dynamic planet: continental drift - Living with Earthquakes and tsunamis - Volcanic activity – blessing or danger?* - The changing climate – causes, impacts, countermeasures* - Living with tropical cyclones <p>* Including case studies from Europe</p>	<ul style="list-style-type: none"> - Water – In great demand - The water cycle - Floods – Natural phenomenon or manmade disaster?* - Danger of droughts / desertification: causes, impacts, countermeasures - Overcoming lack of water: Irrigation* <p>* Including case studies from Europe</p>	<ul style="list-style-type: none"> - Global hunger for energy* - Finite raw materials: hard coal, brown coal, petroleum, natural gas, nuclear power – exploration, impact, recultivation/renaturation* - New production technologies: oil sands, fracking – exploration and impact <p>* Including case studies from Europe</p>	<ul style="list-style-type: none"> - Renewable energies on the advance: sun, wind, hydroelectric power, biomass, geothermal energy* - Energy efficiency* <p>* Including case studies from Europe</p>	
Vokabular / Fachbegriffe:	→ Vocabulary list: "Climate / landscape zones"	→ Vocabulary list: "Plate tectonics, earthquakes, volcanoes, climate change, ..."	→ Vocabulary list: "Water, floods, droughts, irrigation"	→ Vocabulary list: "Finite raw materials"	→ Vocabulary: "Renewable energies"	
Kompetenzen / Methoden / Medien: <u>Always:</u> reading / viewing / listening / speaking / writing skills	<ul style="list-style-type: none"> - Models: ecosystem/geofactors, sustainability, landscape zones, Hadley cell, nutrient cycling, desert formation - Localisation and description / characterisation of case studies - Analysing maps, climate, diagrams, charts, statistics, pictures, text - Evaluation of sustainability - HOW TO: Written exams 	<ul style="list-style-type: none"> - Models: earth shell structure, tectonic drift, plate margins, formation of earthquakes / tsunamis / volcanic eruptions, formation of a hurricane - Classifications: Richter scale, Saffir-Simpson hurricane scale - Analysing maps, models, charts, statistics, pictures, text - Evaluation of vulnerability - HOW TO: Written exams 	<ul style="list-style-type: none"> - Models: water cycle, virtual water, drainage system of a river, Hadley cell, desert formation, types of irrigation - Concept maps - Film protocol - Analysing maps, climate, diagrams, charts, statistics, pictures, text - Evaluating sustainability 	<ul style="list-style-type: none"> - Models: classification of primary raw materials, reserves, resources, - Analysing maps, charts, statistics, pictures, text - Evaluating sustainability (forming a judgement) - HOW TO: Written exams 	<ul style="list-style-type: none"> - Classification of renewable energies - Analysing maps, climate, diagrams, charts, statistics, pictures - Evaluating contribution to more sustainable energy mix 	
Digitale Kompetenzen / Apps:	<ul style="list-style-type: none"> - Digitale Heft/Mappenführung (Goodnotes): auch digitale Erstellung von Diagrammen, Flussdiagrammen, Mindmaps, ... - Nutzung von digitalen Tools: z.B. zur Recherche, Erstellung von Mindmaps, Quizzen (z.B. Kahoot!), Nutzung von Biparcours, Padlet, Buffle, ... - Erstellung von digitalen Produkten: z.B. Präsentationen (Keynote, PowerPoint, Prezi), Erklärfilmen (iMovie), Podcasts (Sprachmemos), - Nutzung digitaler Wörterbücher und Übersetzungs-Tools: z.B. Google Translator, DeepL 					
(Digitale) Leistungsüberprüfung	<ul style="list-style-type: none"> - 3 Klausuren: Lokalisierung, Beschreibung (AFBI), Analyse (AFBII) und Bewertung (AFBIII) unterschiedlicher Raumbespiele auf der Basis von diskontinuierlichen Materialien (Karten, Diagramme, Statistiken, Abbildungen, Modelle, Bilder, Texte etc.) - Sonstige Mitarbeit: mündliche und schriftliche Beiträge zum Unterricht (in Tablet-Jahrgängen v.a. auch digital): z.B. Teilnahme in Einzel-, Partner- und Gruppenarbeiten, Teilnahme in Plenumsdiskussionen, digitale Hefte/Mappen, Vokabellisten, Protokolle, Portfolios, Lerntagebücher, ...), - ... inkl. Beiträge im Rahmen eigenverantwortlichen, schüleraktiven sowie ggf. praktischen Handelns (z.B. Rollenspiele, Befragungen, Erkundungen, (digitale) Quizze, (digitale) Plakate, (digitale) Präsentationen, Podcasts, Modellen, Mindmaps (SimpleMind), Flussdiagrammen, ...) - ... ggf. inkl. Kurze schriftliche Übungen (z.B. Tests, Vokabeltests) 					