Bilingualer Unterricht: Geographie

Standards für inhaltsbezogene Kompetenzen

3.2 Klassen 7/8/9
3.2.1 Teilsystem Erdoberfläche
3.2.1.1 Grundlegende exogene und endogene Prozesse

<table>
<thead>
<tr>
<th>TK</th>
<th>Topics</th>
<th>Working terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The structure of the earth</td>
<td>layers of the earth, crust, [lithosphere, asthenosphere], mantle, core</td>
</tr>
<tr>
<td>2</td>
<td>Plate tectonic processes and their impacts</td>
<td>plate tectonics, plate movements [subduction, seafloor spreading, horizontal shift], rift valley, mountain formation, [ocean trench], volcanism, earthquakes, [seaquakes], tsunami</td>
</tr>
<tr>
<td>3</td>
<td>[Regional examples of the rock cycle]</td>
<td>[weathering, erosion, sedimentation, metamorphosis, crystallization, minerals, sedimentary rock, metamorphic rock, igneous rock, rock, basalt, granite, gneiss, limestone, sandstone, gravel]</td>
</tr>
<tr>
<td>4</td>
<td>Weathering, erosion, transport and deposition as basic exogenous processes in the Tropics, dry areas or polar regions</td>
<td>weathering, erosion, transport, deposition</td>
</tr>
</tbody>
</table>
3.2.2  Teilsystem Wetter und Klima
3.2.2.1  Globale Wetter- und Klimaphänomene

<table>
<thead>
<tr>
<th>TK</th>
<th>Topics</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The weather in the Tropics in comparison to the weather in Central Europe</td>
<td>weather, humidity, [air pressure], zenithal rain, diurnal climate / aseasonal climate, [the Westerlies, low-pressure area (cyclones)], seasonal climate</td>
</tr>
<tr>
<td>2</td>
<td>An example of an extreme weather phenomenon and its dangers</td>
<td>e.g. gale winds, hurricane, taifoon, tornado, blizzard, draught, heavy precipitation</td>
</tr>
</tbody>
</table>

3.2.2.2  Klimazonen der Erde

<table>
<thead>
<tr>
<th>TK</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Typical characteristics of different climate zones as a result of solar radiation</td>
<td>climate graph, tilted axis, illumination zone temperature zone, equator, Tropic of Cancer, Tropic of Capricorn, polar circle, polar day, polar night, seasons</td>
</tr>
<tr>
<td>2</td>
<td>Trade winds [and tropic circulation]</td>
<td>[air pressure, high-pressure area, low-pressure area, ITC, subtropical ridges], zenithal rain, [wind], trade winds, rainy season, dry season, arid, humid</td>
</tr>
<tr>
<td>3</td>
<td>The global correlation between climate and natural vegetation in a global overview</td>
<td>vegetation zone, climate zone, [altitudinal belts]</td>
</tr>
</tbody>
</table>
### 3.2.2.3 Phänomene des Klimawandels

<table>
<thead>
<tr>
<th>TK</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Basic knowledge of the natural and anthropogenic greenhouse effect</td>
<td>natural greenhouse effect, [anthropogenic greenhouse effect], carbon dioxide, emission</td>
</tr>
<tr>
<td>2</td>
<td>Effects of climate change in the polar regions</td>
<td>Arctic, Antarctic, [sea ice, inland ice], permafrost, climate change, temperature rise, sea-level rise</td>
</tr>
<tr>
<td>3</td>
<td>An overview of global effects of climate change</td>
<td>floods, draught, sea-level rise, temperature rise</td>
</tr>
<tr>
<td>4</td>
<td>Ways to reduce greenhouse gases as a central measure against global warming</td>
<td>greenhouse gas, CO2</td>
</tr>
</tbody>
</table>

### 3.2.3 Teilsystem Gesellschaft

#### 3.2.3.1 Phänomene der globalen Verstädterung

<table>
<thead>
<tr>
<th>TK</th>
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<th>Working terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The world-wide phenomenon of urbanization</td>
<td>urbanization, mega city</td>
</tr>
<tr>
<td>2</td>
<td>Reasons and impacts of urbanization exemplified by an African, South American, or tropical Asian region</td>
<td>push and pull factors, [infrastructure], slums, [demand for space], ecological damage</td>
</tr>
</tbody>
</table>

#### 3.2.3.2 Phänomene globaler Disparitäten

<table>
<thead>
<tr>
<th>TK</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Development and distribution of the world population</td>
<td>population growth, population density, population projection, age structure, birth rate, death rate, growth rate</td>
</tr>
<tr>
<td>2</td>
<td>Disparities within the world exemplified by nutrition, health, education or income in a certain region</td>
<td>disparity, [Human Development Index]</td>
</tr>
</tbody>
</table>
### 3.2.4 Teilsystem Wirtschaft

#### 3.2.4.1 Raumwirksamkeit wirtschaftlichen Handelns

<table>
<thead>
<tr>
<th>TK</th>
<th>Topics</th>
<th>Working terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Spatial relevance of the production and trade of one of the world’s commercial goods considering the aspect of sustainability and the effects on one’s own role as a consumer</td>
<td>global flow of goods, world commercial good, sustainable production, consumer, fair trade</td>
</tr>
</tbody>
</table>

### 3.2.5 Natur- und Kulturräume

#### 3.2.5.1 Analyse ausgewählter Räume in unterschiedlichen Geozonen

<table>
<thead>
<tr>
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<th>Working terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The correlation between the natural conditions and human use including advantages of a sustainable use in at least one region, e.g. Tropics, dry areas, polar regions</td>
<td>Working terms depend on the chosen climate zone: tropical rainforest, mineral cycle, [soil fertility], desert, oasis, savanna, desertification, boreal coniferous forest, tundra</td>
</tr>
</tbody>
</table>