**COLD ENVIRONMENTS CHECKLIST**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 😊 | 😐 | ☹ |
| 1 | The **physical** characteristics of a cold environment. |  |  |  |
| 2 | The interdependence of climate, permafrost, soils, plants, animals and people. |  |  |  |
| 3 | How plants and animals adapt to the physical conditions. |  |  |  |
| 4 | Issues related to biodiversity |  |  |  |
| 5 | Development of cold environments creates opportunities and challenges. |  |  |  |
| 6 | A **case study** of a cold environment to illustrate: |  |  |  |
|  | * Development opportunities in cold environments:
 |  |  |  |
|  | * + Mineral extraction
 |  |  |  |
|  | * + Energy
 |  |  |  |
|  | * + Fishing
 |  |  |  |
|  | * + Tourism
 |  |  |  |
|  | * Challenges of developing cold environments:
 |  |  |  |
|  | * + Extreme temperature
 |  |  |  |
|  | * + Inaccessibility
 |  |  |  |
|  | * + Provision of buildings
 |  |  |  |
|  | * + Provision of infrastructure
 |  |  |  |
| 7 | Cold environments are at risk from economic development: |  |  |  |
|  | * The value of cold environments as wilderness areas and why these fragile environments should be protected.
 |  |  |  |
|  | * Strategies used to balance the needs of economic development and conservation in cold environments:
 |  |  |  |
|  | * + Use of technology
 |  |  |  |
|  | * + Role of governments
 |  |  |  |
|  | * + International agreements
 |  |  |  |
|  | * + Conservation groups
 |  |  |  |

**COLD ENVIRONMENTS CHECKLIST**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | 😊 | 😐 | ☹ |
| 1 | The **physical** characteristics of a cold environment. |  |  |  |
| 2 | The interdependence of climate, permafrost, soils, plants, animals and people. |  |  |  |
| 3 | How plants and animals adapt to the physical conditions. |  |  |  |
| 4 | Issues related to biodiversity |  |  |  |
| 5 | Development of cold environments creates opportunities and challenges. |  |  |  |
| 6 | A **case study** of a cold environment to illustrate: |  |  |  |
|  | * Development opportunities in cold environments:
 |  |  |  |
|  | * + Mineral extraction
 |  |  |  |
|  | * + Energy
 |  |  |  |
|  | * + Fishing
 |  |  |  |
|  | * + Tourism
 |  |  |  |
|  | * Challenges of developing cold environments:
 |  |  |  |
|  | * + Extreme temperature
 |  |  |  |
|  | * + Inaccessibility
 |  |  |  |
|  | * + Provision of buildings
 |  |  |  |
|  | * + Provision of infrastructure
 |  |  |  |
| 7 | Cold environments are at risk from economic development: |  |  |  |
|  | * The value of cold environments as wilderness areas and why these fragile environments should be protected.
 |  |  |  |
|  | * Strategies used to balance the needs of economic development and conservation in cold environments:
 |  |  |  |
|  | * + Use of technology
 |  |  |  |
|  | * + Role of governments
 |  |  |  |
|  | * + International agreements
 |  |  |  |
|  | * + Conservation groups
 |  |  |  |