**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 |  |  |  |

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