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| --- | --- | --- | --- | --- | --- | --- |
| **The Challenge of resource management** | Red | Amber | Green | have notes | revised | completed practice questions |
| Uneven distribution of food, water and energy |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **UK resources** |  |  |  |  |  |  |
| Food – growing demand for high value food, out of season food, and organic food |  |  |  |  |  |  |
| Food – food miles and trends towards local sourced food |  |  |  |  |  |  |
| Water – changing demand for water |  |  |  |  |  |  |
| Water -quality and pollution management |  |  |  |  |  |  |
| Water – areas for surplus and deficit |  |  |  |  |  |  |
| Water – transferring water |  |  |  |  |  |  |
| Energy – changing energy mix |  |  |  |  |  |  |
| Energy – reliance of fossil fuels, growing renewable, role of nuclear |  |  |  |  |  |  |
| Energy – reduce domestic supplies of coal, gas and oil |  |  |  |  |  |  |
| Energy – environmental and economic impacts of shale gas |  |  |  |  |  |  |
| Different opinions – different perspectives about sources of energy supply |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Food** |  |  |  |  |  |  |
| Areas of surplus and deficit |  |  |  |  |  |  |
| Global patterns of calorie intake and food supply |  |  |  |  |  |  |
| Reasons for increasing food consumption (rising population and economic development) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Factors affecting food supply |  |  |  |  |  |  |
| Climate and climate change |  |  |  |  |  |  |
| Technology |  |  |  |  |  |  |
| Pests and disease |  |  |  |  |  |  |
| Water stress |  |  |  |  |  |  |
| Conflict |  |  |  |  |  |  |
| Poverty |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Impacts of food insecurity: |  |  |  |  |  |  |
| Famine |  |  |  |  |  |  |
| Under nutrition/malnutrition |  |  |  |  |  |  |
| Rising prices |  |  |  |  |  |  |
| Social unrest |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Strategies to increase food supply |  |  |  |  |  |  |
| Irrigation |  |  |  |  |  |  |
| Aeroponics |  |  |  |  |  |  |
| Hydroponics |  |  |  |  |  |  |
| Green revolution |  |  |  |  |  |  |
| Biotechnology |  |  |  |  |  |  |
| Appropriate technology |  |  |  |  |  |  |
| **Case study: Thanet Earth** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Sustainable food supplies |  |  |  |  |  |  |
| Organic farming |  |  |  |  |  |  |
| Urban farming initiatives |  |  |  |  |  |  |
| Fish and meat from sustainable sources |  |  |  |  |  |  |
| Seasonal food consumption |  |  |  |  |  |  |
| Reduced waste and losses |  |  |  |  |  |  |
| **Local scheme: case study Mali** |  |  |  |  |  |  |