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High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 11 Half term: 2

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| **11.2.1: THE LIVING WORLD:** **Ecosystems** |
| **Big Concepts/Golden Nuggets****Scale, Place, Interconnection, Change, Environment** | **Filters**Social, Economic, Environmental | **Tools**Numeracy &Literacy, Problem-solving, Spatial Awareness,Self-management, Teamwork |
| **Key ideas** | **Progress RAG** |
| **Ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components. (CGP p20-22)** |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | The interrelationships within a natural system, an understanding of producers, consumers, decomposers, food chain, food web and nutrient cycling. | Bell Task Retrieval Practice: Geog Your MemoryStarter: 3T’sInfo Source: CGP p20 & GCSEPodHTCS Challenge: Mind MapPractice Question: SAM3 Q2.6-2.8Plenary: Triangle | Abiotic, Biotic, Consumer, Decomposer, Ecosystem, Food chain, Food web, Nutrient cycling, Producer |
| **2** | **An example of a small scale UK ecosystem: Slapton Ley Reed Beds.** The balance between components. The impact on the ecosystem of changing one component. | Bell Task Retrieval Practice: Picture PromptsStarter: 3T’sInfo Source: CGP p21 & GCSEPodHTCS Challenge: Map annotation & Icon RememberPractice Question: Flashcard 17Plenary: Your Turn  |  |
| **3** | An overview of the distribution and characteristics of large scale natural global ecosystems. | Bell Task Retrieval Practice: Frayer Model: BiomeStarter: Your TurnInfo Source: CGP p22 & GCSEPodHTCS Challenge: Guess ItPractice Question: CGP Workbook Q1.1-1.4 p19Plenary: Lesson Summary | Global ecosystem |
| **ILOs** | Retrieval & Review – set weekly | Self-assessed using mark schemes provided. |  |