Knowledge Organiser - Year 6—Geography: Local Study—Forest/Coast/Heath

**Key Question — What makes a habitat?**

**Geographical Skills and Fieldwork**

- **Compass**
  A device having a magnetic needle that indicates direction on the earth’s surface by pointing toward the north.
  - 8 points—north, south, east, west, northwest, northeast, southeast, southwest

- **Grid Reference**
  A map reference indicating a location in terms of vertical and horizontal grids identified by numbers or letters.
  - Two types: four figure and six figure grid references

- **Human features**
  Something that is built by humans that would not have existed in nature without human intervention. Features include anything from a house to a city, and the related infrastructure such as roads, rail, or canals.

- **Land Use**
  Involves the management and modification of natural environment or wilderness into built environment such as settlements and semi-natural habitats such as arable fields, pastures, and managed woods.

- **Map**
  A picture or chart that shows the features of an area.
  - Elements of the landscape that occur naturally, including bodies of water and landforms such as: oceans, mountains, lakes, rivers, plains, streams, hills, volcanoes, valleys, and peninsulas.

- **Physical Features**
  The study of the shape and features of land surfaces.
  - Elements of the landscape that occur naturally, including bodies of water and landforms such as: oceans, mountains, lakes, rivers, plains, streams, hills, volcanoes, valleys, and peninsulas.

- **Survey**
  The operation of finding the contour, dimensions, position, or other particulars of, any part of the earth’s surface, whether land or water; also, a measured plan and description of any portion of country, or of a road or line through it.

- **Topography**
  The study of the shape and features of land surfaces.

**Key Concepts & Vocabulary**

- **Arable Land**
  Land used for growing crops

- **Environment**
  The surroundings or conditions in which a person, animal, or plant lives or operates.

- **Fertile**
  (of soil or land) Producing or capable of producing abundant vegetation or crops

- **Forest**
  Large area covered mostly with trees and undergrowth.

- **Habitat**
  The natural home or environment of an animal, plant, or other organism.

- **Heath**
  An area of open uncultivated land, especially in Britain, with characteristic vegetation of heather, gorse, and coarse grasses.

- **Sustainability**
  Avoidance of the depletion of natural resources in order to maintain an ecological balance.

- **Vegetation**
  Plants considered collectively, especially those found in a particular area or habitat.

---

**Talbot Heath**

- **Location**
  Located in the Bourne Valley Nature Reserve about three miles from Poole.

- **Wildlife**
  Birds including; Dartford warbler and Nightjar. Reptiles such as sand lizard and smooth snake.

**Jurassic Coast—World Heritage Site**

- **Area**
  Covers a distance of about 96 miles

- **Highest point**
  Golden Cap between Bridport and Charmouth at 191 metres above sea level.

- **Landmarks**
  Lulworth Cove, Durdle Door, Chesil Beach

- **Location**
  Stretches from Orcombe point near Exmouth in East Devon to Old Harry Rocks near Studland

---

**Ex-**

4 figure grid reference

To find the number of a square first use the eastings to go along the corridor until you come to the bottom left-hand corner of the square you want. Write this two-figure number down. Then use the northing to go up the stairs until you find the same corner. Put this two figure number after your first one and you now have the four-figure grid reference, which looks like the example in the diagram: 6233.