OCR A2 GCE Geography Field Course Medina Valley Centre Specimen Programme

Day/Date	Aim	Skills & techniques	Learning Objectives
Thursday **19.30**	An introduction to the course setting the fieldwork investigations into a wider Geographical context: geology & geomorphology of IOW conservation of habitats the SMP2	Mapwork 1:25000 OS Map & 1:50000 Geological Survey of IOW	
Friday **A.M.**	To introduce sampling strategies for investigating plant succession across a sand dune and comparing plant diversity between a 'yellow' and a 'grey' dune	Sampling apparatus and techniques using open and grid quadrats systematic & random sampling soil sampling - testing pH, moisture content and organic matter anemometer for surface wind speed clinometer & ranging pole for gradient Comparing diversity with 'grey' dune, sampling for statistical analysis	Be able to follow the enquiry route for investigating a sand dune, choosing appropriate sampling techniques To understand why the sand dune is a harsh environment
P.M.	To carry out an investigation of sand dune management on a stabilised 'grey dune'	Mapping recreational pressures, using GPS Use of aerial photography with GIS overlay Cartographic presentation of results Questionnaire design & sampling Comparing diversity with a 'yellow' dune, sampling for statistical analysis	Be able to design a fieldwork plan for investigating the management issues of a sand dune complex To understand how GPS and GIS can useful tools in the preparation of a management plan for an ecosystem under threat
Saturday **A.M.**	To carry out an investigation of a developing saltmarsh	Sampling along an environmental gradient, using a point frame, a soil auger and slope pantometer Presentation of results, including scattergraphs and kite diagram Statistical analysis of results	Be able to follow the enquiry route to investigate a saltmarsh, selecting appropriate sampling techniques. Able to present results using appropriate graphs & diagrams To be able to evaluate the accuracy of the results To be aware of pressures and threats to saltmarshes To understand primary succession
P.M.	To review the fieldwork techniques for investigating particle size on a shingle beach at Freshwater Bay	Sampling strategies Field sketch	Be able to prepare a fieldwork investigation at a coastal location and recognise the need for long-term monitoring of a site
Sunday **A.M.**	To obtain a case study of woodland management and consider appropriate fieldwork techniques in a woodland ecosystem	Sampling strategies	Present day woodland management aims primarily to increase biodiversity