

# Medina Valley Centre Course Exemplar Programme

Course/Exam Board: A2 AQA Environmental Studies

<i>Day</i>	<i>Morning</i>	<i>Afternoon</i>	<i>Evening</i>
<b>Monday</b>	<p style="text-align: center;"><b>Arrive for Centre Lunch</b> Briefing with host couple Un-pack and settle into rooms</p>	<p style="text-align: center;"><b>Introduction to Environmental Studies &amp; Isle of Wight</b></p> <p style="text-align: center;"><b>Forest Resources</b> discussion on management techniques &amp; investigate the effects of trees on microclimates</p> <p style="text-align: center;"><b>Lichen Study</b> The effects of atmospheric pollution on lichen populations</p>	<p style="text-align: center;"><b>Process woodland data</b> Spearman Rank t-test</p> <p style="text-align: center;"><b>Renewable Energy solar panels</b> data log and choose a site</p>
<b>Tuesday</b>	<p style="text-align: center;"><b>Mark-Release-Recapture 1 Agriculture</b></p> <p style="text-align: center;"><b>Farm Visit - tour with farmer</b> discussion of farming practises &amp; techniques environmental impacts of farming</p>	<p style="text-align: center;"><b>River Study</b> Compare the pollution levels in two rivers biological indicator species Simpson Diversity Index Kick sampling</p>	<p style="text-align: center;"><b>Process river data</b> Mann-Whitney U-test Chi-Squared</p>
<b>Wednesday</b>	<p style="text-align: center;"><b>Mark-Release-Recapture 2</b></p> <p style="text-align: center;"><b>Renewable Energy in the Medina Valley</b></p> <p style="text-align: center;"><b>Vestas Factory Visit</b> wind turbine research and development</p> <p style="text-align: center;"><b>Process data from data log (Monday eve)</b> discussion of use of renewable energies</p>	<p>Depart after lunch</p>	