

Isle of Wight**T:** 01983 875 353**F:** 01983 875 300**E:** iow@kingswood.co.uk**The Kingswood Centre**

Old Schools Buildings,

Hill Way Road,

Bembridge,

Isle of Wight, PO35 5PH

The river Caul Bourne flows north from the village of Calbourne to the Newton river, where it discharges into the sea at Newtown Bay. It is only 2.5km long, but boasts braidings, meanders and straights, all within a short distance of each other and all at a safe depth for students to enter.

The study looks at the physical, chemical and biological properties of the river, focusing on its morphology and channel processes. Students investigate the physical and chemical content of the river and measure such variables as velocity, width, depth and wetted perimeter. The chemical aspect of the river may also be analysed using field test kits. During the ICT follow-up session students use Fieldworks to collate data and produce river profile diagrams.

Fieldwork: Depth, width, velocity, gradient, wetted perimeter, pH, phosphates, nitrates, dissolved oxygen, field sketches, kick sampling, pollution levels using bio-indicators.

<http://www.kingswood.co.uk/school-trips/educational-visits/field-studies/isle-of-wight.html>

Learning Outside the Classroom

Kingswood is delighted to support the Learning Outside the Classroom Manifesto, launched by the Secretary of State for Education and Skills on 28 November 2006.

The Manifesto is a 'movement' or joint undertaking that many different stakeholders have helped to create and to which anyone can sign up. We have endorsed the Manifesto because we believe it will help children and young people to have a wide variety of high quality experiences outside the classroom environment, as an essential part of their learning and development.

We will therefore continue to work with schools, local authorities, parents and carers to provide an exciting range of teaching and learning opportunities outside the classroom.