

## School Trips to Beaufort Court

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### ***Timing***

We host school trips on Tuesdays and Thursdays. Half day visits take place either during a morning session, starting at 10am, or an afternoon session, starting at 1pm, although some flexibility is possible. The duration of a trip usually lasts between 1.5 and 2.5 hours. We can also put on a full day's programme by arrangement.

We encourage teachers come and visit Beaufort Court in advance of their school trip, and discuss the programme with the Educational Visits Coordinator. This can be arranged on a Tuesday or a Thursday between 10am and 5pm or, during the summer months, until 8pm.

You may also be able to join an organised tour during the week, one of our occasional Saturday morning tours, or our annual Open Day (Saturday in summer).

### ***Staffing and Numbers***

All RES staff running school visits have been police checked. We can accommodate school groups of up to 30 children plus accompanying adults (1:4 for children under 11; 1: 7 for children 11-18).

### ***Programmes***

We aim to provide programmes to suit the needs of your pupils. Beaufort Court can be used as a case study or extension of pupils' studies on:

- physical processes (electricity, forces and motion, sound and light)
- materials and their properties (metal, fibre glass, silicon, grass!)
- life processes – green plants (miscanthus crop)
- renewable energy (solar PV, solar thermal, wind, biomass, natural cooling)
- local industrial development and local historic buildings (research topics: the Oualtine complex; the Grand Union Canal)
- environmental change and sustainable development
- and lots more!

Once here, your pupils can extend their appreciation of renewables through hands-on activities in our classroom, including:

- Electric circuits using solar and wind power
- Solar heating design (thermal insulators, conductors)
- Designing a wind farm layout
- Wind turbine design experiment



### ***Disabled Facilities***

The Energy Trail at Beaufort Court is accessible by wheelchair, and disabled access toilet facilities are available.

### ***Transport***

Beaufort Court is easily accessible by rail. We are 5 minutes walk from Kings Langley train station on the London Euston –Birmingham west coast mainline. Local Arriva bus 322 between Hemel Hempstead and Watford (every half hour) stops at the bottom of Egg Farm Lane. By car or coach, we are close to Junction 20 of the M25, and Junction 9 of the M1. For directions, please ask for a map detailing how to get to Beaufort Court.

### ***Booking***

If you are interested in bringing a school group, please contact Annie Heaton to discuss dates and programmes, on 01923 299 347 or email her on [annie.heaton@res-ltd.com](mailto:annie.heaton@res-ltd.com)