

ABE: What schools' have to provide to run ABE labs in school ...

This list is designed to help you plan for the loan of the ABE kit in the coming year – *it's a short list* – the vast majority of kit & consumables are provided – but here are the **standard lab equipment** you need access to:

- -20°C **Freezer** (for storing iso-freeze box containing samples)
- **Ice** machine or cubes (crushed) for lab set-up
- **Water-bath** or hot-block @ 37°C (LAB 2 & 9) / @ 70°C (start of LAB 3) / @42°C (LAB 6/6a)
- Set of plastic/glass **beakers** for disposal of tips & tubes (1 beaker per pair of students)
- Elga grade / distilled **water** – LOTS - approx. 400 ml per pair of students – less if using MiniOne
- **Microwave** – to prepare agarose gels
- Foil-covered bottle 500-1000ml (for storing gel red solution)
- **Autoclave** / pressure cooker for preparation of media for bacterial transformation (LAB 6 only) and disposal of waste tips & tubes.
- Virkol or equivalent **disinfectant** when using *E.coli* (LAB 6/7 only)

... contact stem@herts.ac.uk if there are any issues