

# PREFACE

The Explorer 2 kit is the upgraded version of the original Explorer and is one of a range of electronics kits produced by Cambridge BrainBox to provide children with exiting learning opportunities.

The kit is designed to be used in the classroom as well as in the home and will provide many happy hours of experimentation and enhanced learning.

A basic knowledge of electricity/electronics is required and the kit is not suitable for children under 8 years old.

The manual includes a general introduction to electricity along with Teacher/Parents notes. The kit introduces electronic components like the transistor, thyristor and digital displays. The Explorer 2 will enhance the knowledge gained at Key Stage 3 and can be used as a stepping stone to Key Stage 4.

A feature of all Cambridge BrainBox kits is ease of assembly, all the parts just clip together with press– studs. Mistakes can be corrected in seconds so maintaining a high level of interest. All the parts are colour and number coded so making the selection of parts very easy. Each part has it's own slot within the box so it is easy to see if any part has gone missing.