



# THE ENERGY HOUSE KIT TEACHING RESOURCES CONTENTS

## CONTENTS

› The Energy House Kit- A Teaching Resource (Introduction; the kit; curriculum links)

## SCIENCE

### TEACHERS GUIDANCE FOR SCIENCE

#### LESSON PLANS

- › **Lesson 1** Introduction to energy use and climate change
- › **Lesson 2** Investigating Running Costs
- › **Lesson 3** Investigating Heat Loss and Insulation
- › **Lesson 4** Investigating Renewable Energy

#### LESSON RESOURCES

- › **Sc1 Lesson Resources** - Introduction to Energy and Climate Change
- › **Sc2 Lesson Resources** - Investigating Running Costs
- › **Sc3 Lesson Resources** - Investigating Heat Loss and Insulation
- › **Sc3a Lesson Resources** - Investigating Heat Loss and Insulation - experiment results tables and charts
- › **Sc4 Lesson resources** - Investigating Renewable Energy

## DESIGN AND TECHNOLOGY

### TEACHERS GUIDANCE FOR DESIGN AND TECHNOLOGY

#### LESSON PLANS

- › **Lesson 1** - Introducing the energy house project
- › **Lesson 2** - Planning the energy house
- › **Lesson 3 & 4** - Designing the features for the energy house AND Making the features for the energy house
- › **Lesson 5** - Fitting the features and presenting the energy house project

#### LESSON RESOURCES

- › **DT1a Lesson Resource** - Introduction to energy in the home presentation
- › **DT1b Lesson Resource** - DT1b Teacher prompt sheet of potential energy efficiency measures

## PERSONAL, SOCIAL AND HEALTH EDUCATION

Activity Plan and Lesson Resources for Personal, Social and Health Education

## FOREIGN LANGUAGES (FRENCH)

Activity Plan and Lesson Resources for Foreign Languages (French)

## EXTRA CURRICULAR ACTIVITIES

Activity Plan for Extra Curricular Activities

