



# PARK HALL ACADEMY

## INDEPENDENT LEARNING

*Supporting development*

**AUTUMN TERM 2011**

Subject SCIENCE KS4

GCSE Gateway Science Year 9

### Unit title and main topics/themes

#### B1 Understanding Organisms

- Fitness, diet, staying healthy
- Nervous System
- Controlling Plant Growth
- Variation and Inheritance

#### C1 Carbon Chemistry

- Using crude oil
- Clean air
- Polymers, paints and pigments
- Esters and perfumes

#### P1 Energy for the Home

- Heating houses and staying warm
- Waves, light and lasers
- Communicating with waves
- Stable Earth

### Basic/general description of homework set

Homework is based upon consolidating and extending understanding of topics covered.

- Research
- Worksheets
- Past exam questions
- Graphs and data analysis
- FROG

### Course details – exam board, website, other useful resources, dates/months of exams

OCR Gateway GCSE Additional Science B [www.ocr.org.uk](http://www.ocr.org.uk) Exam: Jan 2011 B1C1P1

[www.gatewayscienceonline.co.uk](http://www.gatewayscienceonline.co.uk) Code: c7k9 username: parkhall Password: student

[http://www.bbc.co.uk/schools/gcsebitesize/science/ocr\\_gateway/](http://www.bbc.co.uk/schools/gcsebitesize/science/ocr_gateway/)