

**gc** Greenhead College, Huddersfield



## **Teacher Conferences 2010**

# **Applied Science**

Grade 1 departments share their ideas and expertise at this nationally acclaimed college.



A one-day course uniquely run by successful practicing teachers and HODs.

Suitable for HODs, Experienced Teachers, NQTs

## **Wednesday 16 June 2010**

Meet the staff, visit the teaching rooms, look at and discuss resources in situ. Leave with a booklet of ideas and exemplar resources.

**For information & booking forms:  
See your Staff Development Co-ordinator or**

**log onto our website [www.greenhead.ac.uk](http://www.greenhead.ac.uk)**

# Why Greenhead College?

Greenhead College has a national reputation for achieving outstanding results with our students across the ability ranges, with beacon awards from the FEFC & LSC and two Queen's Anniversary Prizes in addition to consistently topping the college league tables. At the time of our 2004 inspection Greenhead was the only institution to have no lesson observations graded as unsatisfactory and 93% were good or better, in our 2007 inspection all grades awarded were outstanding. Our staff are highly committed to providing the best possible learning experience for our youngsters and are happy to share their ideas with colleagues across the post 16 sector.

## Applied Science Department

We are a team of dynamic, innovative and experienced staff, some of whom are current A-level examiners and moderators. The department provides a supportive environment, helping students to achieve their full potential. Four members of staff currently deliver the single award to over 100 students. The course was introduced in 2003 as an alternative to traditional science courses. The purpose was to broaden the science provision by offering a course whose emphasis was on assessment by coursework rather than by examination. All staff delivering the course are biologists and the course in its current format is heavily biology based. A-level results are outstanding with Greenhead students being almost seven times more likely to achieve an A or B grade compared to the National Average in 2008. In addition, results were in the top 10% for the sector in terms of Value Added Data. The college has been recognized in the Good Schools guide for the results achieved in Applied Science since 2004.

### Extracts from Ofsted's recent report for Biological Sciences include

- very high pass and retention rates
- the large proportion of students who achieve grades A or B
- students' achievements in comparison with their prior attainment at GCSE
- very wide variety of teaching techniques that effectively promote learning
- strong academic and personal support for students outside lessons
- well-written and detailed study guides
- outstanding management and very effective teamwork.

Students' learning is supported by comprehensive and well written study guides for each assignment. Subject support is outstanding. Student's progress is closely monitored and lessons are delivered in a designated laboratory equipped with a class set of computers, each with access to both the Internet and Intranet. An extensive range of enrichment activities are offered along with work experience and project opportunities. Applied Science staff work very well as a team and share good practice.

### Course Leader

Gill Stott is Head of Applied Science. The other members of the team are Sara Petts and Dave Briggs. Gill and Sara have been involved in delivering teacher training courses on behalf of Philip Allen updates. Gill and Sara have delivered Applied Science courses since 2003 and all three currently teach both AQA single award Applied Science and AQA Biology. Sara is an experienced examiner and moderator for AQA Applied Science.

## Programme

After an initial introduction to the college, there will be an opportunity to attend sessions within the Biology and Applied Science departments. We will look at the range of learning resources we use in the classroom and you will have the opportunity to sample some of the classroom activities which are designed to motivate and challenge AS and A level students across the ability range.

<b>9.30 am</b>	Registration and coffee
<b>10.00 am</b>	Introduction to aims of the day
<b>10.15 am</b>	<ul style="list-style-type: none"><li>• <b>Department session:</b> Departmental organisation Induction, monitoring and intervention strategies</li></ul>
<b>11.15 am</b>	COFFEE
<b>11.30 am</b>	<ul style="list-style-type: none"><li>• <b>Department session: Delivering AS Applied science (Units 1,2,3)</b> Developing effective resources to enhance performance Preparing students for examinations</li></ul>
<b>12.30 pm</b>	LUNCH
<b>1.45pm</b>	<ul style="list-style-type: none"><li>• <b>Department session: Delivering A level Applied science (Units 7,8,14,15)</b> Developing effective resources to enhance performance Preparing students for examinations</li></ul>
<b>3.00pm</b>	Plenary / questions and answers
<b>3:30pm</b>	Depart