



**Norwich Science  
Olympiad**

**University of East Anglia  
2 - 3 July, 2008**

**Supported by**

**The Norwich Town Close Estate Charity  
The Thomas Anguish Educational Foundation  
The Garfield Weston Foundation**

# *Programme of Events*

**9.30**

## **Assembly**

All Year Groups Lecture Theatre 1

## **10.00 - 11.30 Practical competitions**

Years 7 & 8 School of Environmental Sciences

Year 9 School of Biological Sciences

Year 10 School of Chemical Sciences and Pharmacy

Year 12 School of Biological Sciences

## **11.30 - 11.45 Break**

## **11.45 - 12.45 Practical competitions**

Year 9 School of Biological Sciences

Year 10 School of Chemical Sciences and Pharmacy

Year 12 School of Biological Sciences

## **Frank Halliwell Memorial Lecture**

Years 7 & 8 Lecture Theatre 1

## **12.45 - 13.30 Break**

## **13.30 - 14.45 Practical Competitions**

Years 7 & 8 School of Environmental Sciences

## **Frank Halliwell Memorial Lecture**

Years 9, 10 & 12 Lecture Theatre 1

## **14.45 - 15.00 Break**

## **15.00 - 15.30 Assembly**

All Year Groups Lecture Theatre 1

## ***Frank Halliwell Memorial Lecture***

This year's lecture, presented by Dr Bryson Gore, is entitled *Rates of Reaction - Turning a Whizz into a BANG!*

Chemical reactions involve the transformation of one set of chemicals into another. These reactions are vital to modern society because they produce the chemical compounds upon which we rely, but they are also fascinating as understanding them helps us to visualise the structure and properties of matter on a sub-microscopic scale.

What are the basic factors that govern the rate at which the reaction proceeds?

By using numerous demonstrations, this show explores the concepts of mixing, temperature, activation energy and catalysis to help us visualise the steps involved in any chemical reaction.

## ***Top Class Grand Final***

The Grand Final of *Top Class* and the presentation of medals and prizes will take place in Lecture Theatre 1 during the evening of Thursday, 3 July, starting at 7.30 pm. The Grand Final will involve the two classes that have won through the previous rounds over the Internet during the past few weeks.

All participants and their parents are warmly invited to come. You will enjoy a very colourful active stage show.

## ***Lunch***

All participants may use the various cafeterias on the campus. Packed lunches may be eaten in the University Square. In the event of rain, please use University House.

## ***Temporary Storage of Equipment***

Any equipment may be stored temporarily in University House, Room 0.11 on the Ground Floor.

## ***Medical Facilities***

Medical facilities are available in the Health Centre. See the map overleaf

