



Extreme Physics 2010 Programme Final version

Team challenges are numbered – in addition, individual or paired challenges will be announced during the course.

Wednesday 7th April

- 14.00 Arrive at Rugby School Science School (Post code: CV 22 5DS) (Dan, Helen, Jack)
- 14.00 Drinks in Science Atrium, establish team base in P3 and P4 (first floor), luggage may be stored in lab P6.
- 14.30 Welcome, Introductions, outline itinerary, team area, standards of behaviour
Action in case of fire in labs Foxcroft Lecture Theatre
- 14.45 Tours of Labs, Computer dept, Dining Hall, Sports Hall and external House area (6 groups with Students) Teacher meeting (HJP).
- 15.30 Journal, detailed itinerary, (HJP)challenges (Dan, Mike), visits (AGD) Foxcroft LT
- 15.45 **Challenge 1: Treasure Hunt** (AGD, HSW)
- 16.45 **Challenge 2: One-Minute Timer** (P1,P2) Teacher meeting P5 (GB)
- 18.00 Supper Sports Centre Cafe
- 18.45 Collect bags from labs/cars – unpack in Houses Boys – School Field, Girls- Tudor
Action in case of fire in houses
- 19.30 **Lecture** ‘Surviving a nuclear attack’ Mr N Fisher (Rugby School) Foxcroft LT
- 20.30 **Introduction and preparation for presentations** Foxcroft LT
- 21.00 **Challenge 3: Parachutes** P3,P4 (HJP, VMO) Teacher meetings (P5 AGD) and possible observing night sky with telescopes/binoculars
- 22.00 To houses
- 23.15 Lights out

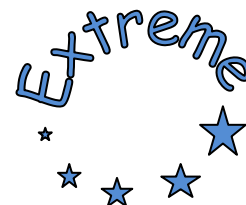
Thursday 8th April

- 08.00 Breakfast Sports Centre Cafe
- 09.00 **Challenge 4: Signalling** Teachers make dragster launchers (GB, VMO)

Start time	Track 1	Track 2
09.30	Beauchamp	Burscough
09.40	Hampton	Kettering SA
09.50	Leicester GS	Loughborough GS
10.00	Netherthorpe	Noel Baker
10.10	Nottingham HS	Robert Smyth
10.20	William Allitt	Voyager

Preparation for presentations when not required for signalling challenge

- 10.30 **Challenge 5: Dragsters** P1,P2 (GB)



- 12.00 Lunch Sports Centre Cafe
- 12.45 Depart for **Airkix**. Coach departs from Queen's Gates. Take journals.
Sky diving; rock climbing
- 19.15 Arrive back at Rugby.
- 19.30 Supper Sports Centre Cafe
- 20.45 **Lecture** Dr Carl Brown (NTU) 'Forensic Ballistics' Foxcroft LT
- 21.30 **Preparation for Presentations** P3,P4
Journal and/or observing night sky with telescopes/binoculars
- 22.45 To houses
- 23.15 Lights out

Friday 9th April

- 08.00 Breakfast Sports Centre Cafe
- 08.45 Strip beds, vacate rooms, room inspection- luggage to labs P6/vehicles
- 09.00 **Challenge 6: Alien Mass** P1, P2 (AGD, Shane) Teachers: group meetings (HJP)

- 10.30 **Preparation for presentations** P3,P4

- 12.00 Submit Journals (HSW, Sarah)
- 12.15 Lunch Sports Centre Cafe
- 13.30 **Challenge 7- Presentations** Foxcroft Lecture Theatre

Judging Panel : Mike (chair) Helen, Gillian Bradley, AGD. Secretary: Alex
Timekeeper: HJP Assisting teams: Shane, Dan.

13.40	Voyager	14.10	Loughborough GS
13.45	William Allitt	14.15	Leicester GS
13.50	Robert Smyth	14.20	Kettering SA
13.55	Nottingham HS	14.25	Hampton
14.00	Noel Baker	14.30	Burscough SC
14.05	Netherthorpe	14.35	Beauchamp

- 15.00 Return presentation materials to prep room.
Clear team base. Wait at team base for inspection (HSW to dismiss when checked)
All luggage packed.
Drinks Atrium

- 15.45 Awards Ceremony - Foxcroft Lecture Theatre
- 16.15 Depart