



ISS/Fair 2004

ISS/Fair 2004 Queens College/Queens High Schools SCIENCE TEACHER CAREERS PROGRAM



School Agenda - Schedule:

- Feb 2 - Feb 16: 1) Announce: **Distribute STUDENT RUBRIC** to Students.
 2) Initial Student Research re: Selection of Topics.
 3) Student first draft of research plan.
 4) Students submit draft of plan for review.
 5) Teacher returns draft of plan to students with comments.
 6) Students submit revised final plans to teachers.
 7) Students Project Investigations begin.
- Feb 23-March 31: Student Project Investigations take place.**
- April 1 - April 12:** Student summation of their project work in papers and on display boards.
- April 13 - 21:** Evaluation of Science Projects in High Schools by Teacher Committees. Using the ISS/Fair Assessment Rubric, teachers select the 5 best projects of their school to be exhibited at Queens College and **send to QC Registration Forms and Project Research Reports by April 22.**
- April 29:** **Queens College: Investigative Science Symposium/Fair [ISS/Fair] for Spring 2004** of best school projects are exhibited at Queens College - New Science Building, Includes visits to College research laboratories, luncheon and an **Awards Ceremony for students, teachers and parents.**

General Criteria and Limitations on Research:

- Limited to **ninth and tenth graders only.**
- Students may work on projects alone or in pairs (**no more than 2 students per project**).
- **Restrictions on research categories:** Student Projects are ‘**Hands-on, Minds-on**’ investigations in which data are collected. **No** Internet Search projects. **No** Projects with human subjects including **No questionnaires.**
- **Projects with animals** must follow school research guidelines.
- **ISS/Fair 2004 Standards-Based Rubric** for teacher and student reference will be widely distributed.
- Submitted projects should include a display board with Data and a **Project Research Report** including: Title in the form of the Question investigated, actual procedure followed, analysis, conclusions and new questions.

Suggested Investigative Subjects: - you are **not** limited to these:

The subjects of investigations may range over the **student’s urban environment:** qualities of air, water, space, traffic and housing, behavior of plants, animals and birds; **simple objects:** liquids, pendula, springs, the interactions of light with lenses, mirrors, in solids, liquids or gases; the **transfer of heat energy**, solar energy and energy efficiencies in the home, the City or transportation.

– The ISS/Fair 2004 Planning Committee

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