

Opportunities for Stuyvesant High School Students in Science and Math – 2009

Jonathan Gastel Research Coordinator - - Rm. 802 or Stuyresearch@gmail.com

Considerations in making plans:

Age rules – structured activity for freshmen and sophomores, semi or unstructured activities for juniors and seniors.

Build – use talents already talent to progressively develop not necessarily in same area.

Compensate - find weaknesses and address them if possible.

Motivate – opportunities are only met profitably when your child wants to take advantage.

Differentiate – in a competitive environment it is important to have done something different.

Research: *within Stuyvesant and at local universities*

Benefits: usually positive experience, good opportunity to reinforce science skills, something to talk about, awards, and publications

Drawbacks: difficult and requires strong desire.

Means: Stuyvesant Research Office – research courses.

Volunteer: *Hospitals, afterschool programs and camps, nature projects, public service activities*

Benefits: useful, sometimes powerful emotional experience, relevant, career exploration

Drawbacks: sometimes dependent on finding the right connection in the organization that creates experiences.

Means: www.Foundationcenter.org, local hospitals, www.volunteerNYC.org

Camps and courses:

Benefits: find friends; develop an interest into specialized knowledge, structured

Means: JHUCTY for freshmen, CCNY and Cooper Union for sophomores. Columbia University Science honors program