

North Salem's Program

No Boys Allowed - "NBA"

A. Overall Keys:

a. Timing:

i. Avoid testing times

1. SAT – AP for high school

2. District – State exams mid-school

ii. Date 1 to 2 weeks before mid-school registration for high school classes

b. Door prizes

c. High school student involvement:

i. organize,

ii. publicize – “Flash and Dash”,

iii. run and

iv. are volunteer assistants during centers at conference.

d. Teachers teach centers → time essential

B. Preconference – student responsible for each of the following – select team leaders

- a. **Schedule → work backwards from 8th grade registration for high school courses**
 - i. **Official 8th grade registration;**
 - ii. **1.5 to 2 weeks before registration, visit middle schools and hand register students for courses;**
 - iii. **1.5 to 2 weeks before visit, run NBA-like event;**
 - iv. **1.5 to 2 weeks before NBA, “Flash and Dash” at middle schools.**
- b. **Transportation**
- c. **Flash and Dash:**
 - i. **Develop presentations → suggested topics:**
 1. **Robotics**
 2. **CAD – 3D**
 3. **Programming**
 4. **games**
 5. **fractals**
 - ii. **schedule feeder middle schools - connect with best teacher at mid-school**
 1. **tech teacher – robotics club advisor**
 2. **math**
 3. **science**
 - iii. **sign-up sheet: school, name, phone #, (class-teacher)**
 - iv. **hand-out parent-photo permission form**
 - v. **set up time to collect/send completed forms**
- d. **Conference Description - Parent/photo permission form**
 - i. **Create form**
 1. **new date**
 2. **door prize list**
 3. **last year’s picture**
 - ii. **Distribute at flash and dash**
 - iii. **Have mid-school teacher collect**
 - iv. **Database of those with parent permission**
- e. **Food:**
 - i. **Find donation**
 - ii. **Order**
 - iii. **Delivery – pick up**
 - iv. **Plates/cups/napkins**
 - v. **Location**
 - vi. **tables**
- f. **T-shirts**
 - i. **Design – approved**
 - ii. **Order t-shirts**
 1. **sizes**

- 2. cost
- iii. Pick up t-shirts
- g. Get teachers - labs
 - i. Subjects
 - ii. Labs available
 - iii. Preferred times
- h. Get student volunteers
 - i. Workshop assistants
 - ii. Other day-of-event tasks
- i. Lunch-guest speaker - contact
- j. Door prizes:
 - i. Grant - probably best by teacher
 - ii. Donations - students
- k. Publicity
 - i. Posters-banners at mid-school
 - ii. School newspaper article
 - iii. Local paper
 - iv. Mid-school paper

C. Conference Day:

- a. Signs pointing to location
- b. Registration table
 - i. Check if preregistered (parent form turned in)
 - ii. Hand out t-shirt
 - iii. Give schedule to student – equalize #s in groups
 - 1. random
 - 2. let groups of friends together
- c. “Centers” → Usually 4 class rotation selected from the following:
 - i. Programming– graphics/animations
 - ii. CAD
 - iii. Networking-Cables
 - iv. Engineering Design – wood working
 - v. Robotics
 - vi. Hardware
- d. Guest speaker – if possible, former female student working in tech
 - i. Greet
 - ii. Accompany
 - iii. Walk out
- e. Lunch
 - i. Set up food
 - ii. Garbage cans
 - iii. Clean up
- f. Door prizes
 - i. Location for drawing
 - ii. Bring down

- iii. Hand out conference evaluations
- iv. Use evaluation sheets as door prize coupon
- g. Clean up
 - i. Sign collection
 - ii. Return tables/desks

D. Post-conference:

- a. Thank you notes
 - i. mid school teachers
 - ii. teachers
 - iii. donations
 - iv. guest speaker
- b. Team leaders - volunteers
 - i. Post-conference evaluation
 - ii. If \$, give a door prize to this group
 - iii. List of volunteers for
 - 1. extra credit
 - 2. academy requirements
- c. Feeder middle school follow-up visits, for class registration for next year:
 - i. Career stats → see PowerPoint presentations:
 - 1. Salaries
 - 2. Job opportunities
 - 3. Helping society
 - 4. Scholarship opportunities
 - 5. College Credit Now
 - 6. Paid Internships
 - ii. Get list of students that want to sign up
 - 1. specific tech courses
 - 2. Computer Science –
 - 3. Interdisciplinary:
 - Honors Geometry mix → do homework on computers

E. Ways to cut costs

- a. no t-shirts
- b. pizza donations
- c. no transportation
- d. avoid workshop's with materials → woodworking

F. Other Useful Recruiting Ideas

- a. Tech Conference → Student lead technology conference for fellow students
- b. Interdisciplinary Math-CS sequence → back to back with Honors Geometry Course {A-B Schedule}

1st year:

- 3 weeks QBASIC → graphics and animation {for, if}
- Alice or Scratch
- Python or Pascal

Combine most with Honors Geometry → practical purpose

AP: Java and/or C++

G. Other attempts that were somewhat effective, but didn't seem to be enough:

- a. Send letters to 8th graders – see attached
- b. Visit high school classes before registration date
- c. 8th Grade Parent Orientation – Visitation
 - i. gym table and activities,
 - ii. parents in discussion groups,
 - iii. All 8th graders watching PP discussing academies
 - iv. Whole school, ineffective – boring, too long
 - v. Parent Tech evening only – effective, especially tied to registration date