Don Gronning - My take away

It seems that even though the students were successful that they really needed "class room time" to all equally get up to speed with the programing

1. Start off with basics
    a. Have set lessons
    b. supporting teaching aids
    c. line up speakers
2. Have a library of solutions
3. Have known resources
    a. Books
    b. Particular mentors that can be contacted (Jetson moment!, by Skype)
    c. Past efforts
    d. YouTube
4. First two months a set curriculum that encourages innovation while learning basics
5. One robot (basic) per two students would be ideal. This would encourage team work and an accelerated learning curve.
6. Maybe each meeting, rotate robots so a new team is forced to work with what someone else has started and they have to make improvements and learn to appreciate the others work. Probably need 5-10 minutes to down load to other team their efforts before passing on.
7. Start boards earlier
    a. Research problems
    b. Field trip to public library and other outside pertinent destinations
    c. Slide show of last year's competition
    d. Designate an art director
8. Decided on particular team leaders after 2nd Month?
    a. Programing
    b. Build
    c. Art Director
    d. Board 1
    e. Board 2
    f. General Manager
9. Every member should have a special responsibility (title) while taking in input from the team
10. Every member should be involved with every aspect (responsibility of leader of particular task)
11. Practice public speaking and manners
12. Team exercises (respecting turns talking and when to pass on the conversation)
13. **Visit other teams often.**
14. In school demonstration to general public or families before competition to work out the bugs
15. Some sort of physical activity to start meeting or half way through. (Kids could show up 15-20 minutes early for tag if desired)
16. Positive recognition of efforts to promote added effort. Ribbons, stickers, small treat
17. A posted calendar that can be accessed and edited (who is attending, who is bringing what…)
18. Recognition of attendance (who is more active, who is only showing up for the competition)
19. Year-end coaches awards calling out contributions of the team.