The Top Ten Student Commitments to

Drum Roll Please

Teach kids to start a drum roll when facilitator's hand is above her/his head and stop when the hand is dropped. Talk about Letterman's top ten reasons....

10   **Work on School Year Long Project September – April...work steady, not give up, authentic learning, project work**

9   **Choose an Appropriate Problem...computational science = math, science and modeling with computers,....measure something, model something, something you are interested in or you won't stick with it**

8   **Participate in a Team...not solitary...with teacher, other students, a mentor, hard work, important to employers, authentic learning, talk about your experiences with**

7   **Meet Deadlines...starts with registration...ends with Awards Day, authentic learning, hard, need to keep track of all the dates, need to write them on calendar**

6   **Do and Cite Research...at least three references, not all on the Internet, bibliography, Annual research banquet**

5   **Read Challenge Email Weekly... Monday Morning Messages, helps with dates, interesting**

4   **Do Technical Writing... three reports...proposal, interim, final report, examples on the web**

3   **Learn Programming...Star Logo or Java on Challenge Technical Guide**

2   **Do Oral Presentations...present to parents, peers, judges in Feb. at UNM, judges in April in Los Alamos, no gum chewing, slouching, wear something that makes you look "professional"**

1   **Work on Problem Solving...so important in any job, critical thinking, higher order thinking skills, life long learning...**