Overview of a journey to create an A+ STEAM school
March 23, 201 A+ Schools Program

- NC Arts Council hosted informational meeting in Raleigh, NC
- 57 schools (OK, AR, LA, & NC) + Africa & Switzerland
- Expose and educate all children in all of the art forms: visual arts, dance, drama, music, and creative writing.
- Collaborative and creative environments that support and enhance each child’s unique way of learning and provide a rich variety of opportunities for reaching mastery
- Teachers work together to integrate the arts, sciences, literacy, math & humanities into creative meaningful lessons
- Hands-on, real world application of learning objectives that connect across disciplines to help students realize connections among subjects and ideas, ultimately better preparing them for their future in the 21st century
Envision Science Academy
- Opened 2014
- K-8 Public, Charter STEAM school (tuition free)
- Enrollment 390-class size max 20
- 2017 Golden Gear Award for STEM school of the year by the Research Triangle Park
- Class environment set by teacher
- Collaborative planning for subject, grade level, and vertical alignment
- Project Based Learning/Flipped classrooms/Positive Behavior Intervention Support (PBIS) & Multi-Tiered System of Support (MTSS)/Staff summer planning
- Use data & student inventories/interests to form learning groups at least bi-weekly to promote student growth
- Partnerships for Excellence with community
- Reading, Math & Science proficiency scores at or above state average

http://www.esaeagles.com/
September 6, 2017  Wake Co. School Visits

- Douglas Magnet Elementary
  - Creative Arts and Science Magnet Elementary
  - Pre K-5, Title I, public school
  - Enrollment 700-average class size 22-24
  - 2016 Top Magnet School by Magnet Schools of America
  - One of 55 schools in the nation awarded national certification for meeting the 5 Pillars of Excellence of high quality programming
  - Collaborative planning for subject, grade level, and vertical alignment
  - Performance based learning
  - Partnerships for Excellence with community (Artist in Residence each year)
  - Proficiency scores at /above state average (levels 3 & 4)

https://www.wcpss.net/douglasses
October 4 & 11, 2017  Design Meetings

- Experts in the fields of curriculum, transportation, security, and STEAM education

- Current LCS staff representative of the Arts, Media, Curriculum & Instruction, Child Nutrition, Exceptional Children, and Technology

- Observations from school visits resulted in plan revisions that were incorporated into design

- Input/suggestions from staff, as listed above, were evaluated and incorporated into the design as applicable

- Architect Jimmy Hite
November 6, 2017

- Hite Associates is the architectural firm chosen to redesign the W. B. Wicker facility for Lee County Schools.
  - Hite Associates believes that “a school should also reflect good stewardship of the public trust. To us, it means strict adherence to a design philosophy that manifests itself as a set of principles that go beyond the creation of great spaces to learn and teach.”
  - Hite Associates employs “the Unitary Systems Approach, or “USA”, developed as a school prototype system, not simply a set of plans, that is unique in its ability to save both initial construction costs and long term operational and maintenance costs.”

- It is my privilege to be a part of this project and to be here as we see the culmination of the collaboration and vision contributing to the beautiful, and functional, design created for LCS.

- Now to Mr. Jimmy Hite.

http://www.hiteassoc.com/about.htm