Hillsborough PLC Leadership Team – Rider Training

Articulation Committees 2008-2009 → Professional Learning Communities 2009 -2010

Big ideas, common experiences, labs, projects

Leadership Team members played a leadership role in establishing PLCs, coordinating meeting times, and facilitating meetings

Summer Science Institute 2009 presented by Science PLC Leadership Team

September 3rd in-service – PP presentation on PLCs and science goals (PDPs)

- Science department meetings (grades 5-12) – monthly
- ARIS and HMS – grade level meetings during team prep – monthly
- PLC committee meetings (HES, 7th)

Hillsborough Teaching & Learning Institute – November 2009

- Curriculum Topic Study CEU
- Assessment and Grading CEU
- PLC CEU

Summer Science Institute 2010 presented by Science PLC Leadership Team

Hillsborough PLCs

HES K, 1, 3, 4 → Articulation of elementary science program within the school

5th, 6th, 7th, 8th → Articulation of key experiences for students; Common Unit assessment development, administration, analysis → 5th, 6th, 7th – student overall performance on assessment; 8th – item analysis → Revision of questions and instructional strategies

Geophysical Science, Biology, Chemistry, Physics → Articulation of key experiences for students; Common midterm and final exam development, administration, analysis → Revision of questions and instructional strategies; Chemistry – item analysis → Revision of questions and instructional strategies

Item analyses revealed areas to focus PLC and teacher work

8th Grade:

- **Density**
- **Chemical formulas**
- **Changes in matter**

Chemistry course:

- **Electron transfer**
- **Temperature, pressure and kinetic energy**
- **Molarity**
- **Equilibrium**