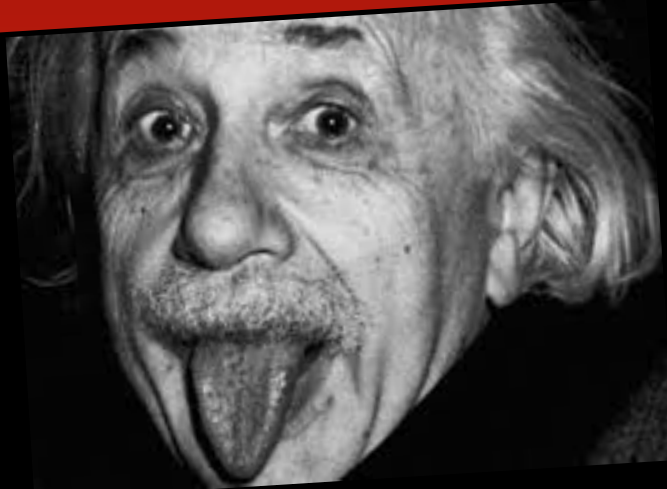


★ She Blinded Me with Science!

Science Professional Development Plan 2015-2016



★ Welcome Back!

Today:

- Chalk Talk Activity
- Summertime Sharing
- Goals and Timeline
- Celebration

★ Chalktalk

Silent activity
please!

**How will we know students
are thinking critically in
our science classes?**

★ Summertime Update

Phillips Exeter Academy

- Week-Long Biology Courses
- Advanced Technique Courses
- Field trips and Lab-Based Workshops

★ Goals

- Critical thinking
- Inquiry-based approach
- Utilize technology to support teaching and learning
- Collect data
- Professional Learning Communities

★ Fall Timeline

August and September:

- Identify critical thinking outcomes
- Identify model student work
- Gather current student work

October and November:

- Chris Matlack Speaker visits!
- Departmental discussions regarding ideal and actual student work
- Individual check-ins about PD path



★ Winter Timeline



October-December:

- Team planning of a lesson on critical thinking to be implemented in Jan/Feb 2016

January-February:

- Implementation of team-planned lessons emphasizing critical thinking

January-March:

- Send 2-3 department members to state, regional, or national association conferences for PD (AIMS workshop)

★ Spring Timeline

April-May



April:

- Individual teacher check-ins with department chair about PD path/mindset

May:

- Meeting between administrator and department chair to assess department's progress/mindset and to make any necessary adjustments; assessment of successes and challenges; summer curriculum revision plans for successes, continued inquiry strategies for the challenges

◆ Celebrate

Celebrate empowering our girls to become critical thinkers who transform the world!

