

Purpose Of Tech in PBL

- * convenience (speed?)
- ✓ * organization of work

↳ paper savings

- ✓ * exploring multiple representations
- ✓ to get over stumbling blocks

- * symbolic
- * graphical
- numerical/table
- * words

* workflow → grading/sharing

* geometry constructions

* sharing solutions

* working around facilities/weather interruptions

* reinforcement

✓ *authoring
resources.

✓ ✓ ✓ *journaling.

✓ *tagging
curriculum

Solutions (in use!)

Journaling (→ for assessment?
→ "meta-cognition"
→ pick a tough problem
→ re-do it

* One Note (MS) → discuss strategies used

- School wide implementation

- Twitter: @sig225

(Cal Armstrong
Appleby College)

* Blogger? - supports longhand writing

* "Low-rent" doc camera

* Scanbot → pictures to PDF

* Google Drive to get files

Multiple Representations

* Desmos (app/website)

* graphing

* Symbolic

* tables

→ lesson sharing



LEC 1 - Ann

* IX - Webb School

* 1000, 1100, 1200, 1300, 1400, 1500

* Science, Math, History, English, Art, Music, PE

* Math I

Key

* MS math

* Algebra II, Intro Stats, Pre-Calc.
(non-Honours)

Patrick

- * TX, day school
- * Montessori K-5
student centred,
lots of teacher autonomy
- * Geometry, IB Math
(stats, Alg II,
Trig)

Eric

- * Honours Geo
- " Pre-Calc
- Alg I, II
- * wrote curriculum
for Honours Geo
- * Analysis + Applications
of Functions

Libby

- * HS, every course
except Stats
- * Hon Discrete Math,
Pre-Calc
- * varied pedagogy,
in dept
- * Geo + Pre-Calc to
be done with PBL.

Marc

* Peerfield!

* Geo

* Discrete Math

* Pre-Calc
(non-standard)

* AP Stats

* Calc. Programmer!

Charlie

* Horace Mann, NYC

* PBL at prior and
current school

* Alg II, Geo, Pre-Calc

Tara

* PBL for 1 year

* CMP ms. math,

* Alg II, AP Stats