EduProtocols: What They Are and How They Can Impact Learning

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A little bit about Jon….
- Former teacher, high school administrator, assistant superintendent, IT Director
- Helps teachers make their career more effective and more fun
- Interim Executive Director www.cue.org

- Time is the biggest barrier to doing what you want in the classroom.
- Protocols save teachers time, allow them to be more effective, and let them enjoy themselves because they don't have to constantly reinvent the wheel.
- Common misconception: You need to use a textbook from A->Z (and everything in between) in order to be effective.
- **How can we show academic growth in our students but without the monotony of the same routine every day?**
  - **Workflows and packages. Key ingredients that are always done.**
  - Provide our students with ideas that they can string together. Once students are familiar with the steps they become more efficient. With this approach we achieve:
    - Increased efficiency due to repetition
    - Higher quality results
    - The ability to cover more materials.
  - Teachers can incorporate new information (without starting from scratch) into these packages to keep the learning happening while maintaining a familiarity for their students.

Protocols:
- Can be used for almost any type of assignment or subject.
- Work in any grade level.
- Workflow stays the same every day but the content changes.
- If students are getting bored, simply inject some "chaos" to keep them interested (keeping the workflow the same).
- **Example: Don McMillan's Death By Powerpoint** (https://ed.ted.com/on/41MdnqFM) turned into a classroom lesson https://www.middleschoolmind.com/the-teachers-blog/death-by-powerpoint

- **Example: Iron Chef Protocol**
  http://vickidavis.me/post/124019860152/how-iron-chef-lesson-plans-make-cooperative
- **Example: 8 Parts Protocol:**
  http://www.morrisflipsenglish.com/blog-ion-lucidity/teaching-grammar-common-core-style

Book Recommendation: The End of Average by Todd Rose

Benefits of working with protocols:
- Creates a higher level of learning and thinking because they give students choices.
- Students remember material more deeply because they have engaged in the building of getting the work done.
- They allow teachers to go deeper and broader into groups of material(rather than a single topic at a time and beyond the surface level) which allows teachers to cover even more material.
  - Students have the opportunity to give lots of feedback with lots of fast turnarounds. As their skill level comes up more details to come out.

Teaching is a mosaic where all the pieces, layers, and interactivity need to work together.
- As educators there is guilt and shame about a low level of preparation. However, lessons that don't take a lot of time to prepare may have huge impact. If we get the same results and students get the instant feedback then there really is no need to have shame or guilt.

Additional Examples of Protocols:

- Fast and Curios Protocol: Repetitive testing until all students score high.
  - With each repetition grades improve.
  - This type of mastery learning (which often takes as little as 8-10 minutes) also eliminates the need for worksheets and homework (i.e. paperwork) that gives teachers more time to focus on higher learning thinking skills and activities.

- MathReps:
  - https://nowatechie.com/2017/10/10/mathreps-1st-grade/
  - https://www.youtube.com/watch?v=cemg2bNlrEY
  - Instead of teaching a single packages as a once a week occurrence, all 13 are put into a singular activity that just repeats for 4 weeks;
    - Students like it because they build confidence and time is freed up to do other activities.

80/20 Rule: 80% of your results come from 20% of your efforts and building that base.

How can we develop these protocols ourselves or find other ones that people are doing?
- Join the conversation on Twitter:
    - Jon: twitter.com/@jcorippo
    - Marlena: twitter.com/mhebern
    - Corie:twitter.com/coriorlando1
    - Lisa: twitter.com/nowatechie
- Coming Soon… New book called EduProtocols Field Guide (by Jon and Marlena) that contains their methodology and 14 protocols built out
- Upcoming event: CUE BOLD (Blended online lesson design) http://spring.cue.org/keynotes/
    - Based on the Madeline Hunter's lesson plan and evolved to bring in new elements and make lessons far more interactive.
    - Focused on how to we re energize people to start creating again.