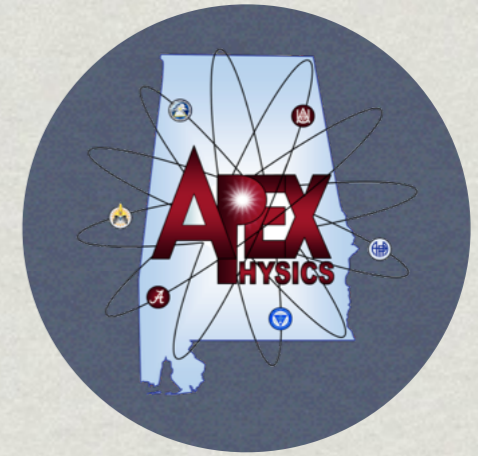


Introduction to the APEX TPACK component

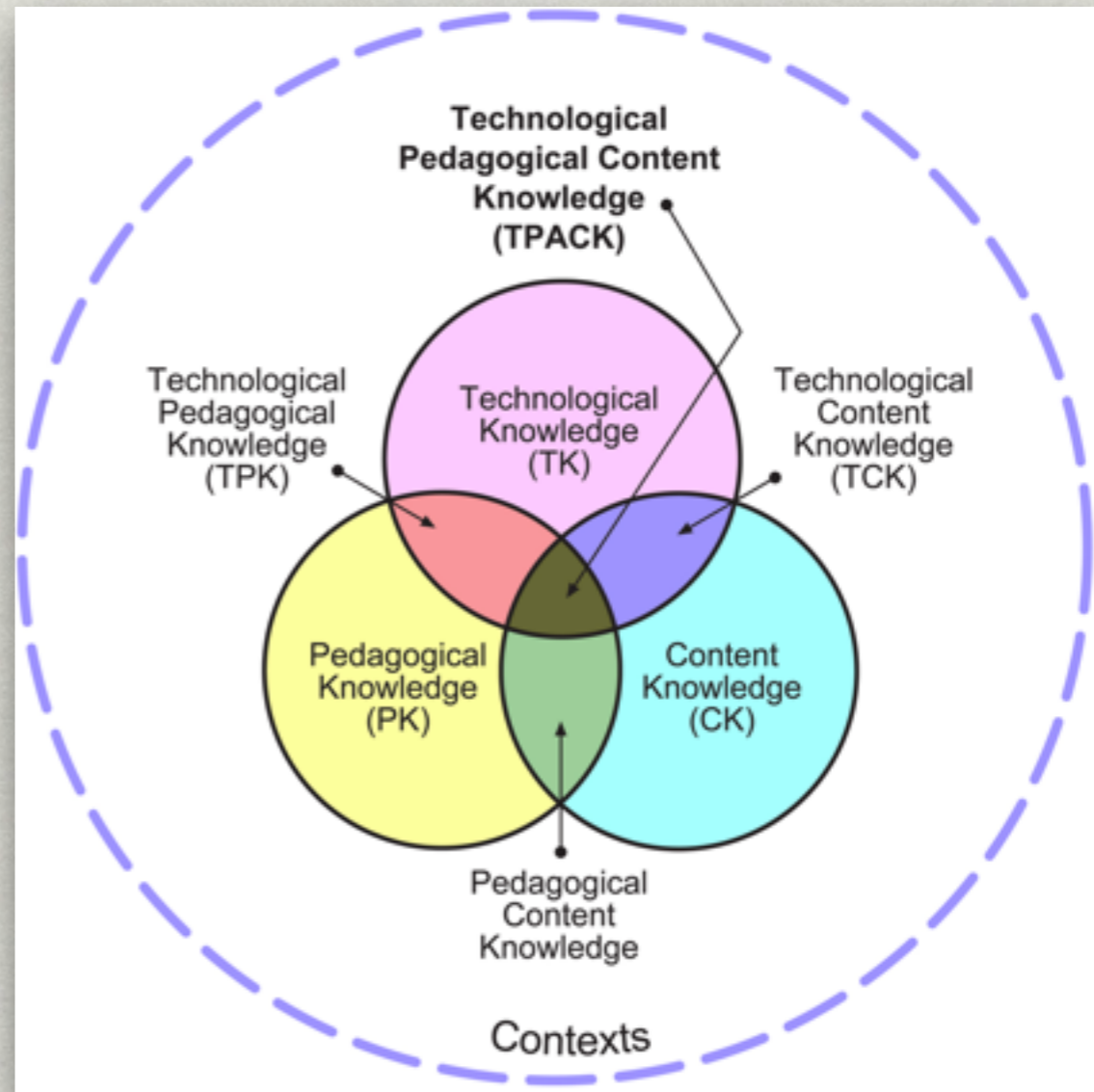
Marius Schamschula

7/16/2015

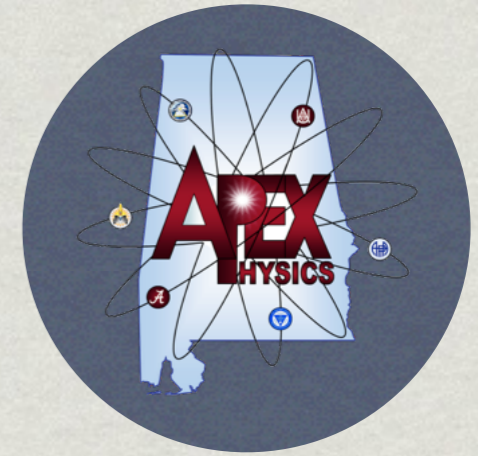
What is TPACK?



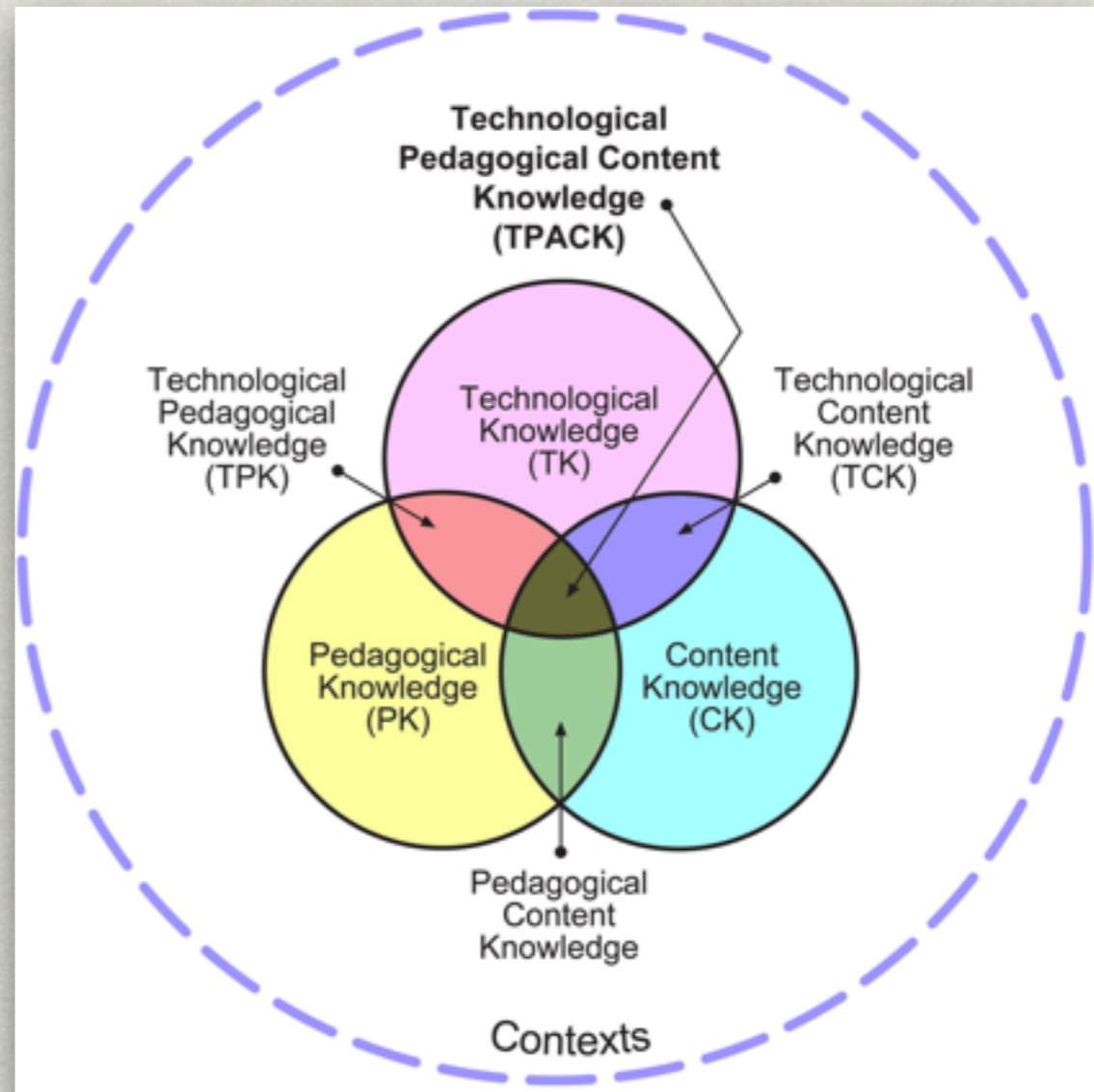
- ✱ Technological Pedagogical Content Knowledge
<http://tpack.org/>



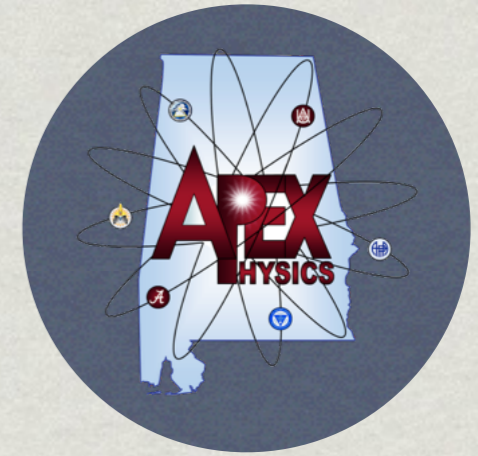
Components of TPACK



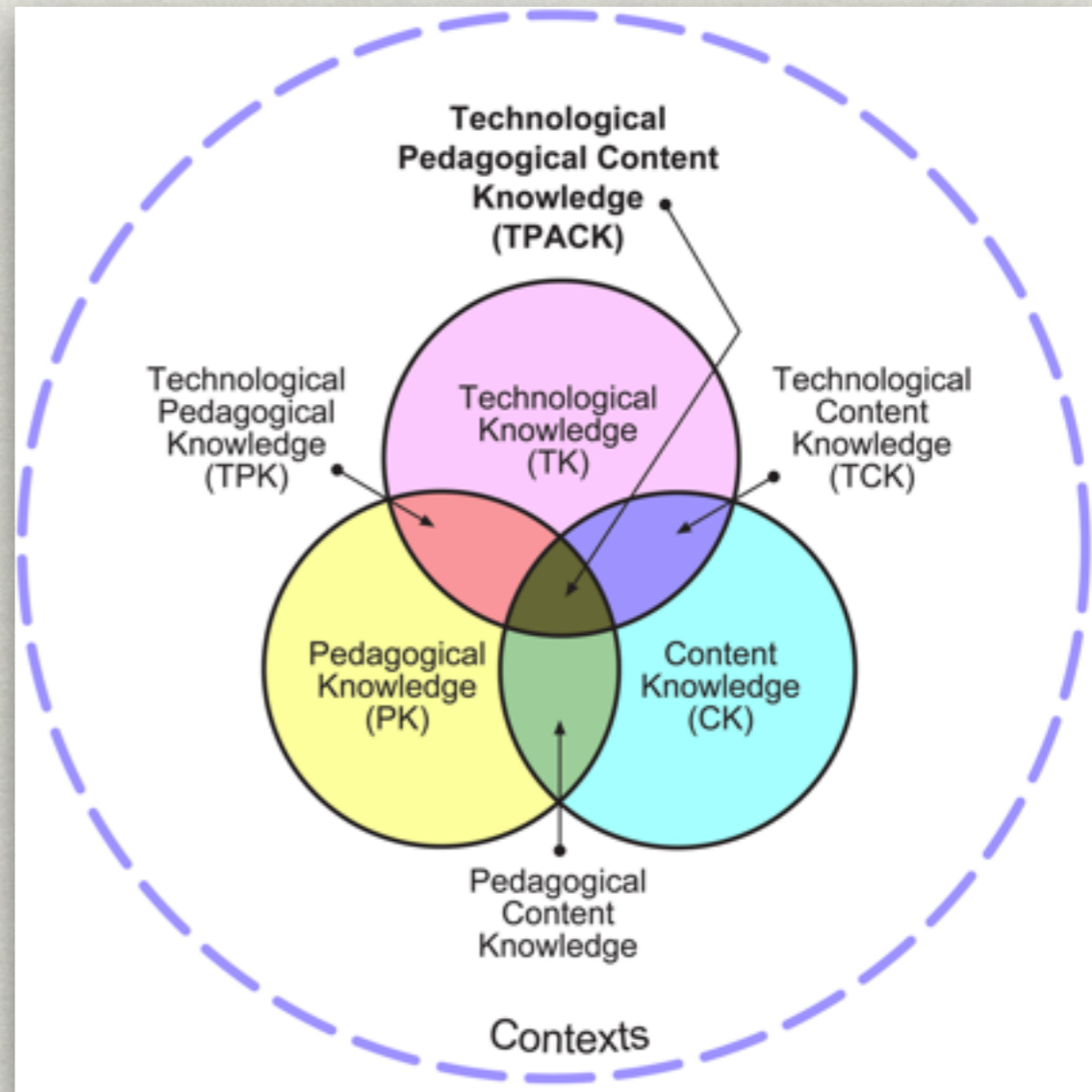
- * Content Knowledge (CK)
- * Pedagogical Knowledge (PK)
- * Technology Knowledge (TK)
- * Pedagogical Content Knowledge (PCK)



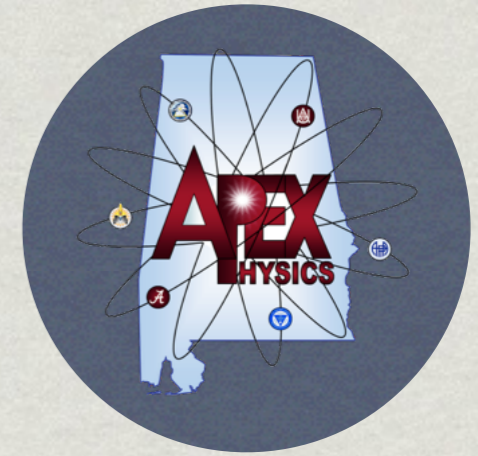
Components of TPACK, Continued



- * Technological Content Knowledge (TCK)
- * Technological Pedagogical Knowledge (TPK)
- * Technological Pedagogical Content Knowledge (TPACK)

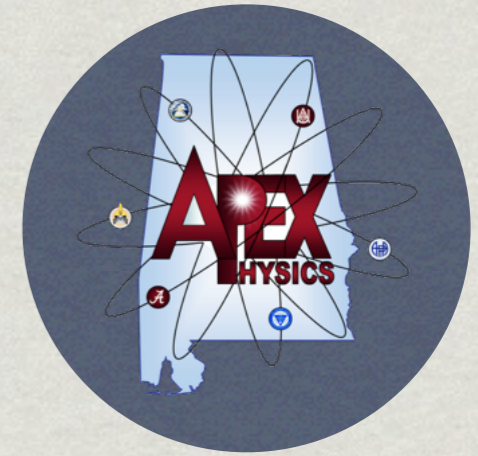


APEX TPACK



- * Content/Learning Management Systems
- * Computer Modeling (Physlets, FET, Wolfram Demonstrations Project)
- * Data Visualization (Logger Pro, Video Physics)
- * Diagnoser
- * Making Videos/Uploading to YouTube
- * Social Media

APEX Communications Platforms



- * Web site: <http://apex.aamu.edu/>
- * Wiki: <http://apex.aamu.edu/mediawiki/>
 - * Notes for “institutional” memory
- * VPLC: <http://apex.ua.edu/>
 - * Platform for participants to interact

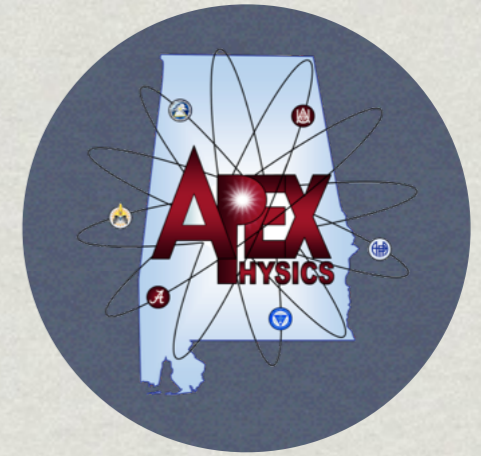
Wiki?



- ✱ "Wiki" (pronounced ['witi] or ['viti]) is a Hawaiian word meaning "fast" or "quick". For more detail see:

<http://en.wikipedia.org/wiki/Wiki>

What is a Wiki?



- * A web site
- * A Content Management System (CMS)
- * Unlike conventional web sites, where a webmaster edits all of the pages, wikis were created to permit collaborative editing of pages.
- * This means that the database retains a record of all changes, and that unwanted edits can be reversed.

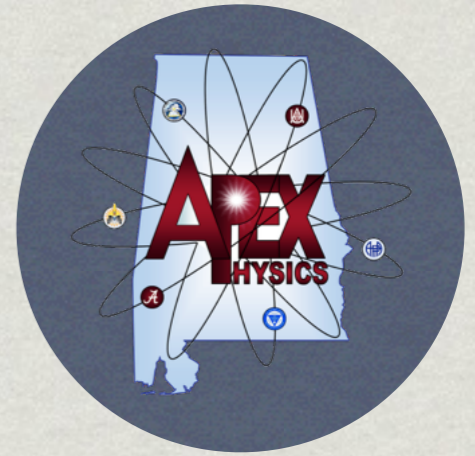
Example



✱ Wikipedia:

<http://en.wikipedia.org/>

Mediawiki



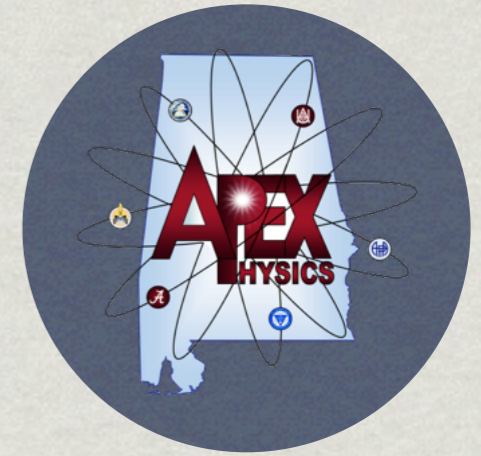
- * There are numerous implementations of the wiki platform.
- * One of the most full featured wiki platforms is called MediaWiki.
- * It is the basis for wikipedia.org.
- * APEX also uses the MediaWiki platform.

Using the Wiki



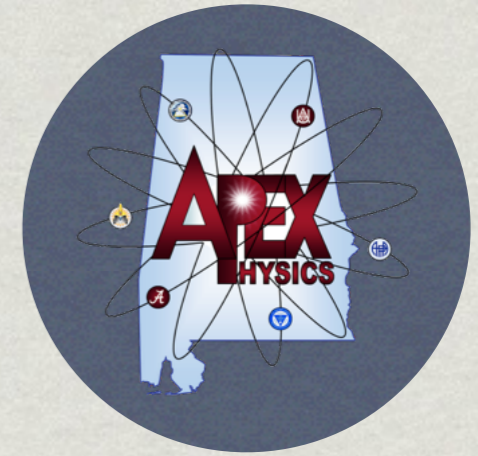
- * Anyone on the internet can view the APEX public wiki:
<http://apex.aamu.edu/mediawiki/>

Cohort Pages



- * Each Cohort has a wiki page associated with it.
- * For each workshop, I will post the schedule, documents, links, pictures, and videos there.
- * For example:
[http://apex.aamu.edu/mediawiki/index.php/
Cohort 3: 2015-2017](http://apex.aamu.edu/mediawiki/index.php/Cohort_3:2015-2017)

APEX VPLC



- ✱ Dr. Sunal has set up a Virtual Professional Learning Community (VPLC) for APEX
<http://apex.ua.edu/>

Questions?

