



K-12 Computer Skills Revision

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K-12 Computer Skills Revision

ACRE: Accountability and Curriculum Revision Effort

- NC DPI's response to NC BOE's *A Framework for Change*
- A Framework for Change* is a direct result of the Blue Ribbon Panel's findings and recommendations



A Simple Vision

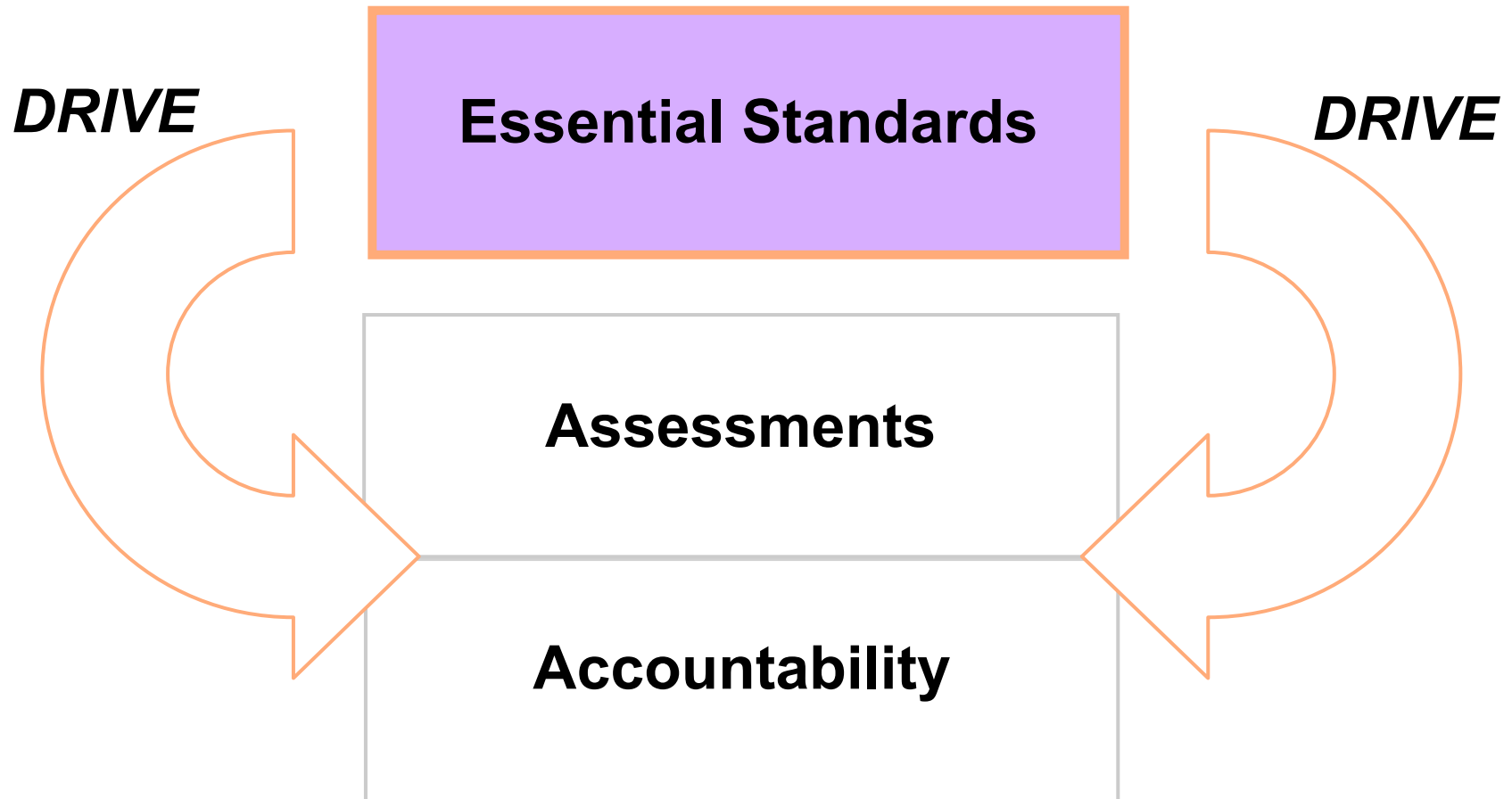
Essential Standards

Assessments

Accountability



Built on Essential Standards

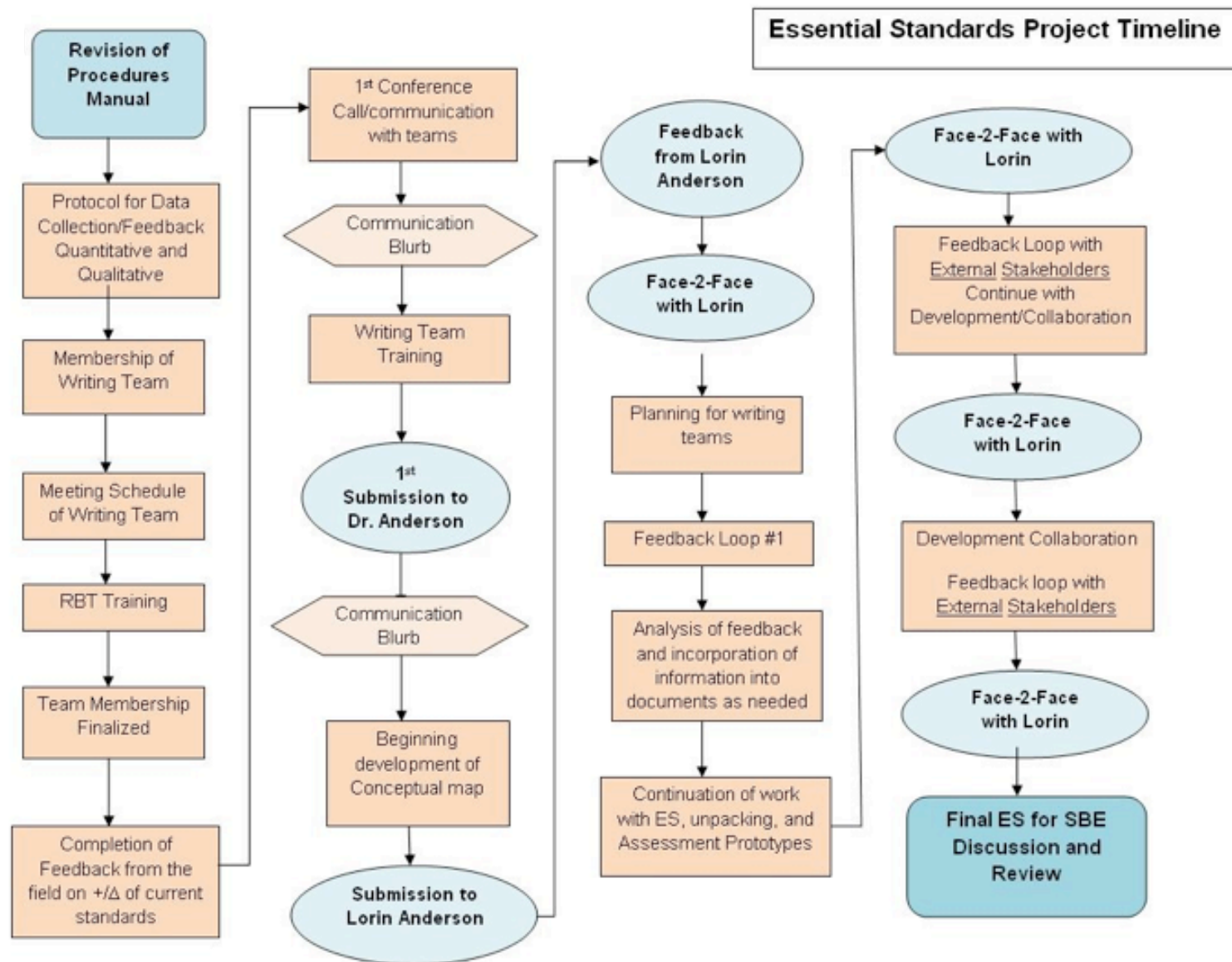




A Framework For Change

**The Essential Standards
are the foundation.**

Essential Standards Timeline





K-12 Computer Skills Revision

- The NC Information Skills and Computer Skills will be combined -- *Information and Technology Essential Standards*
- Writing Committee
 - IT section personnel
 - Curriculum & Instruction personnel
 - LEA representatives



Modeling 21st Century Collaboration

- Face-to-face collaborative work sessions
- 21st century internet-based tools
 - WIMBA
 - Google Docs-based iCollaboratory





Essential Standard Sample

- Initial Draft, by writing team
- Grade 1

(Big Ideas) Concept	Essential Standard	Performance Indicator
Internet safety/copyright	The student will demonstrate ethical use of resources.	The student will write 2-3 facts about being safe on the Internet.



Essential Standard Sample

- Revised Draft, feedback from Dr. Anderson
- Grade 1

Essential Standard

Understand issues related to the safe, ethical,
and responsible use of technology.



Unpacking, Grade 1 Sample

Unpacking	Prototypical Assessments
You must be concerned with your safety when you are on the Internet (safety).	The student will be asked to write 3 ways in which they can be safe on the Internet.
Copyrights are ways of indicating that people own their work (ethical).	Given pictures of four items, students will be asked to circle those items that can be copyrighted
The work of others cannot be copied without permission or giving credit (ethical).	Given examples of information, sound bites, and/or graphics, students will be asked to determine whether they need to secure permission for using them
You must respect the ideas of others when collaborating electronically and face-to-face (ethical)	Given video examples of electronic collaboration in which one participant is acting with respect and the other is not, students will be asked to choose the participant acting respectfully.
Technology hardware must be taken care of in accordance with certain principles (responsible).	Given cartoon prompts, students will be asked to choose which ones illustrate proper computer care.



Other Steps

- Large representative feedback groups
 - cross-curricular
 - DPI and K20
- Read and comment
- Further revisions



Other Steps

- Dr. Anderson’s commentary at multiple levels
- Filter through national and international standards
- Cross-curricular integration mapping



State Board Of Education

–State board approval in June 2009



Questions and Comments