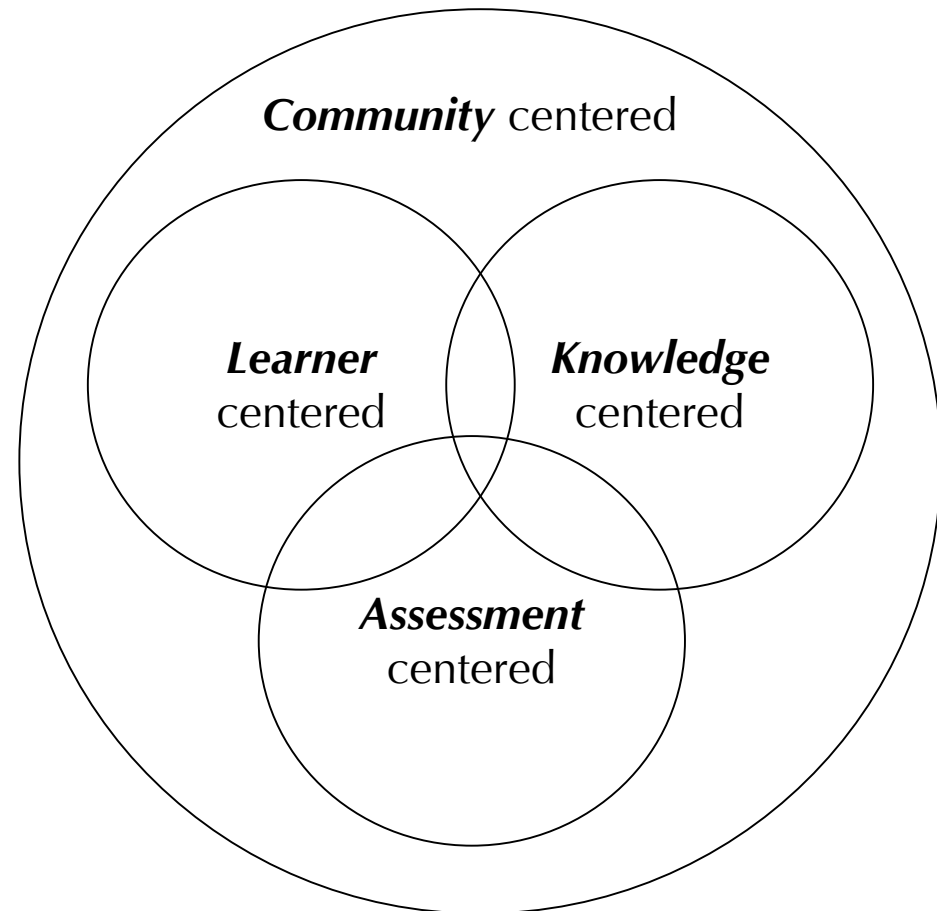


Learner-centered Education @ USC

- Provost's 2004 strategic plan calls for learner-centered education as one of three pillars
- *How People Learn* (Bransford, et al 2002)
- Need a tool/method that allows for:
 - Formative learning
 - Peer assessment
 - Pan-curricular coordination
 - Self-assessment
 - Reflective learning
- Sounds like an ePortfolio?
 - Unfortunately, there is no standard definition for what is an ePortfolio.



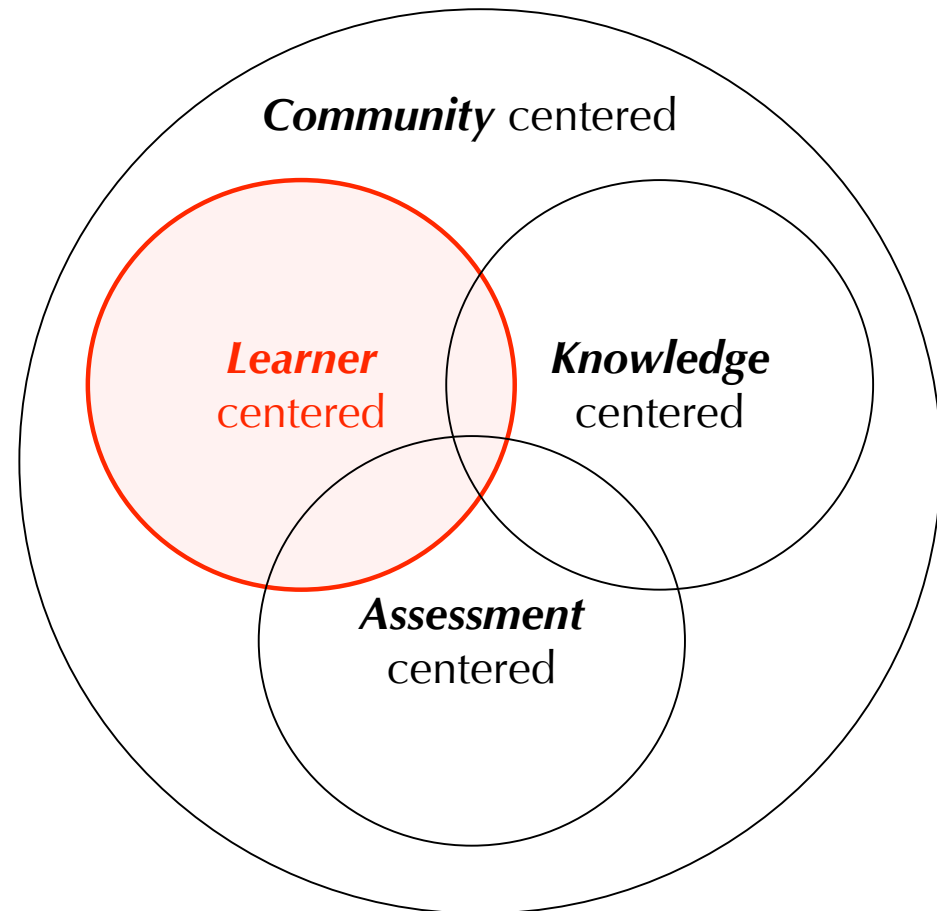
Why electronic portfolios?

- **Empowers** students

- ✓ Maintain an ongoing record of their learning.
- ✓ Develop ownership and control of learning process.
- ✓ Retrospectively and prospectively reflect on learning experience.
- ✓ Build critical thinking skills and meta-cognitive learning strategies.
- ✓ Provides multiple opportunities for instructor, peer and group feedback.

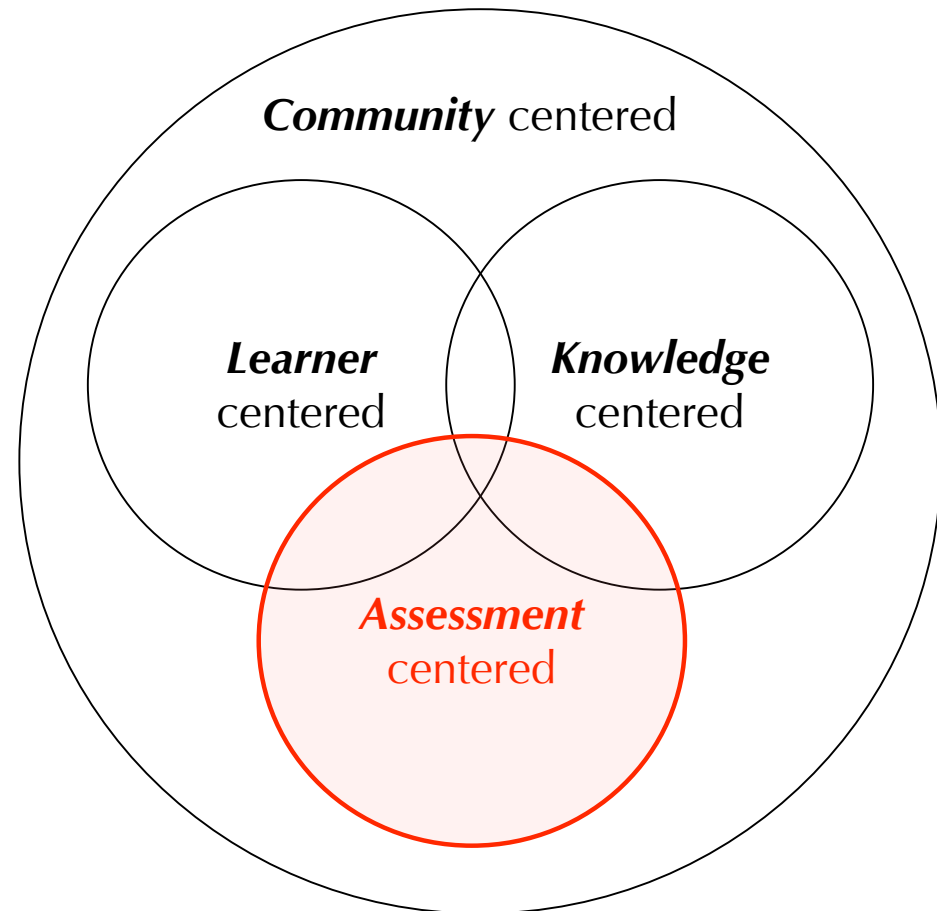
- **Enable** faculty

- **Enrich** learning experience



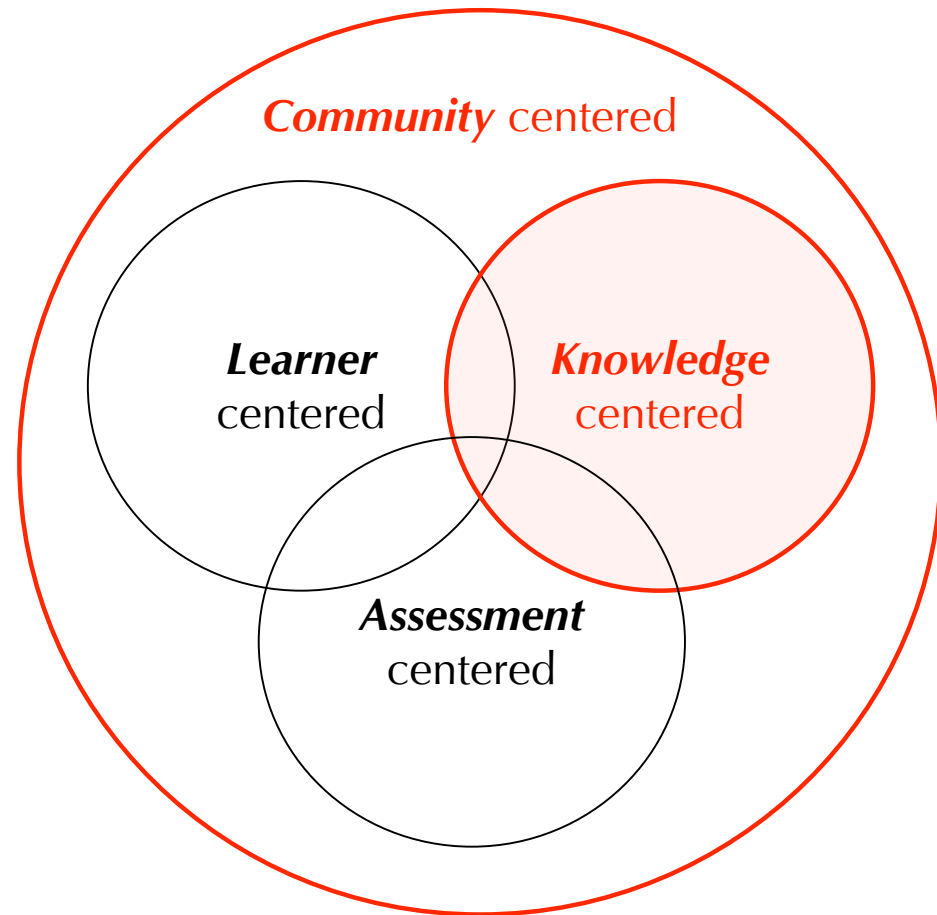
Why electronic portfolios?

- *Empowers students*
- **Enable faculty**
 - ✓ Maintain a contextual record of student learning.
 - ✓ Increase opportunities for feedback and assessment.
 - ✓ Work smarter and more efficiently.
 - ✓ Discover and demonstrate logical pathways to academic success.
- *Enrich learning experience*



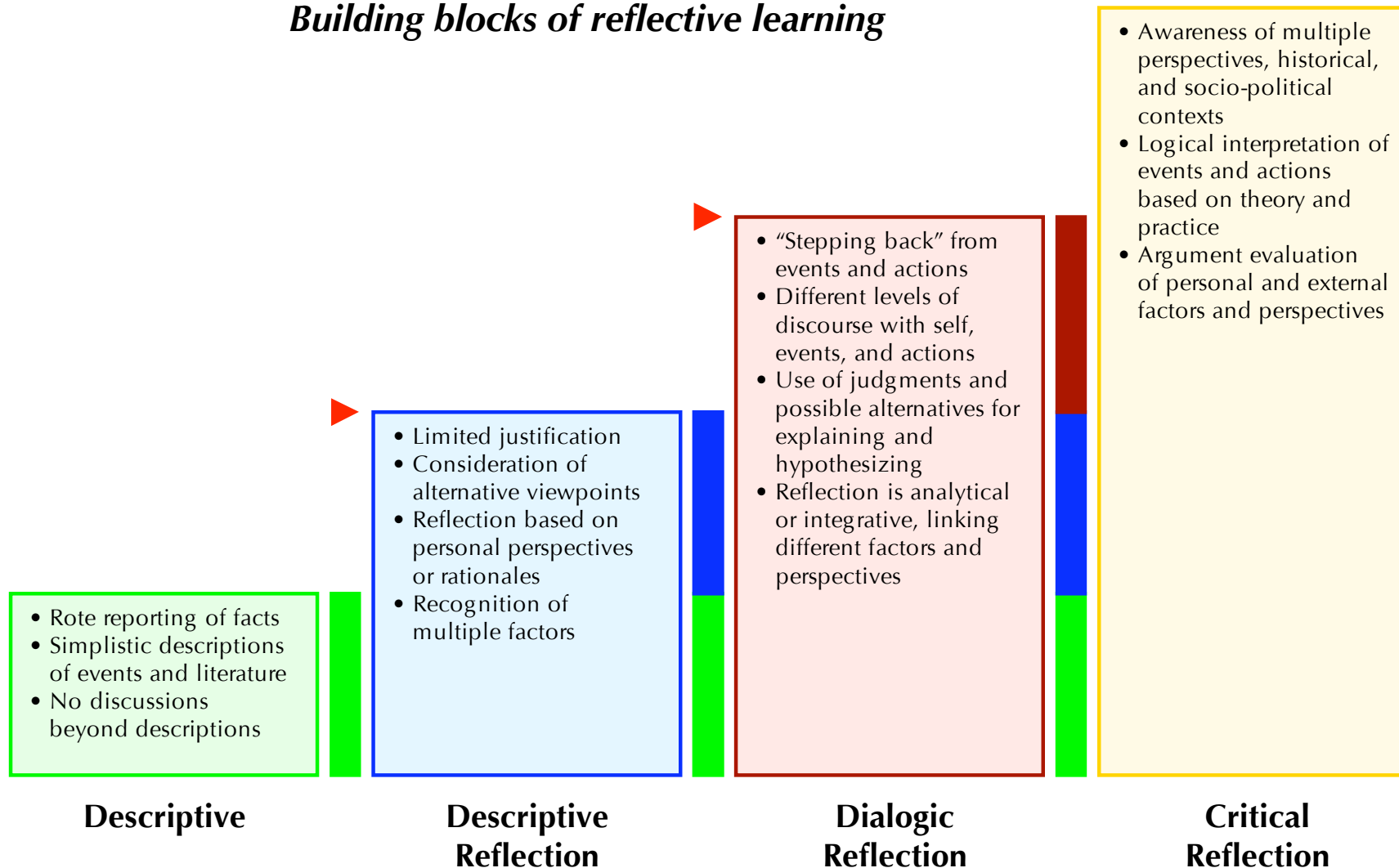
Why electronic portfolios?

- *Empowers students*
- *Enable faculty*
- **Enrich learning experience**
 - ✓ Allows faculty to align their instruction to student needs based on actual student responses, not hunches about what students need.
 - ✓ Provides pathways for connecting curricular and extra-curricular learning experiences. (informal learning)
 - ✓ Develop an authentic knowledge base of student learning and instructional strategies for program evaluation and accreditation purposes.



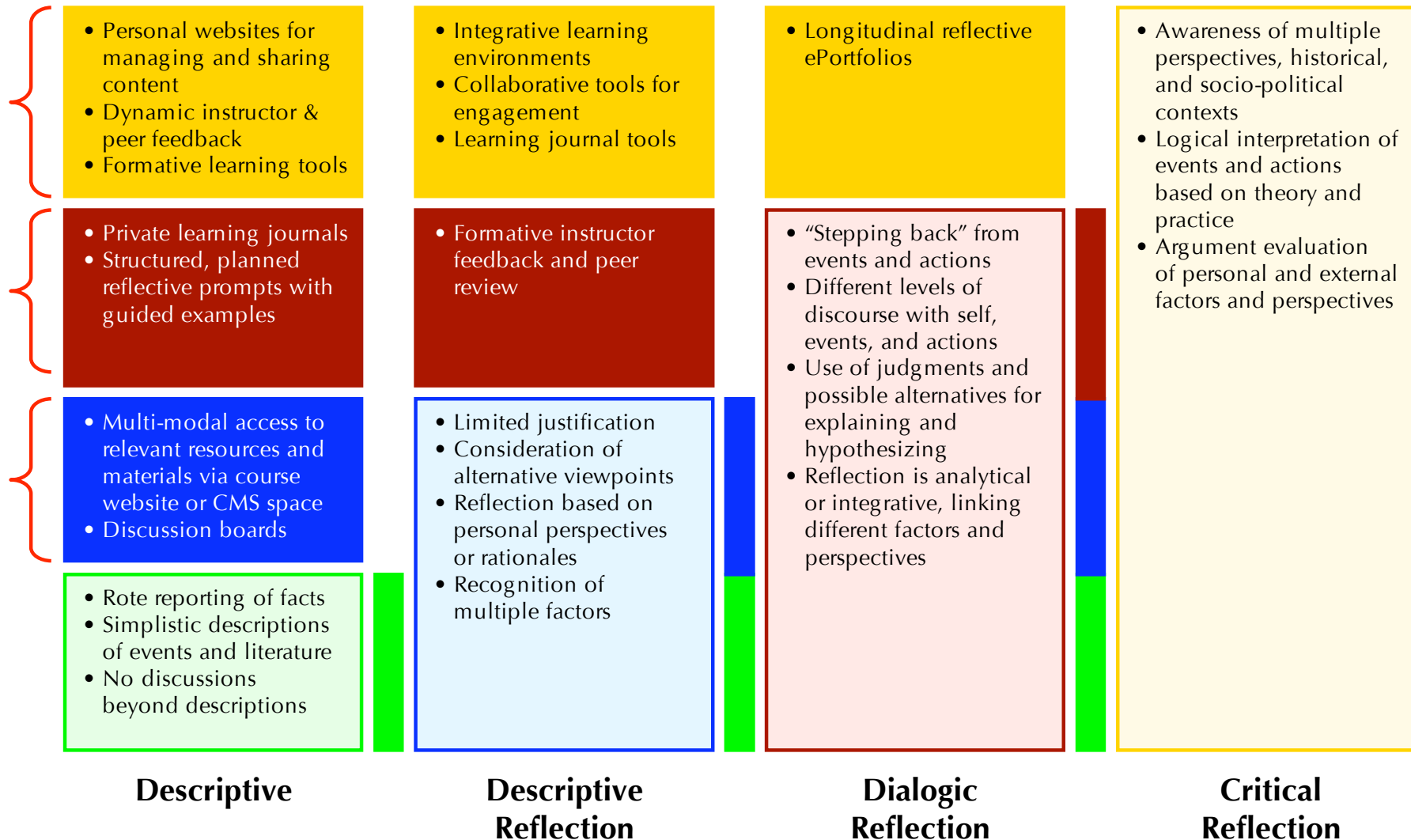
Operational aspects of reflection (Hatton & Smith, 1995)

Building blocks of reflective learning



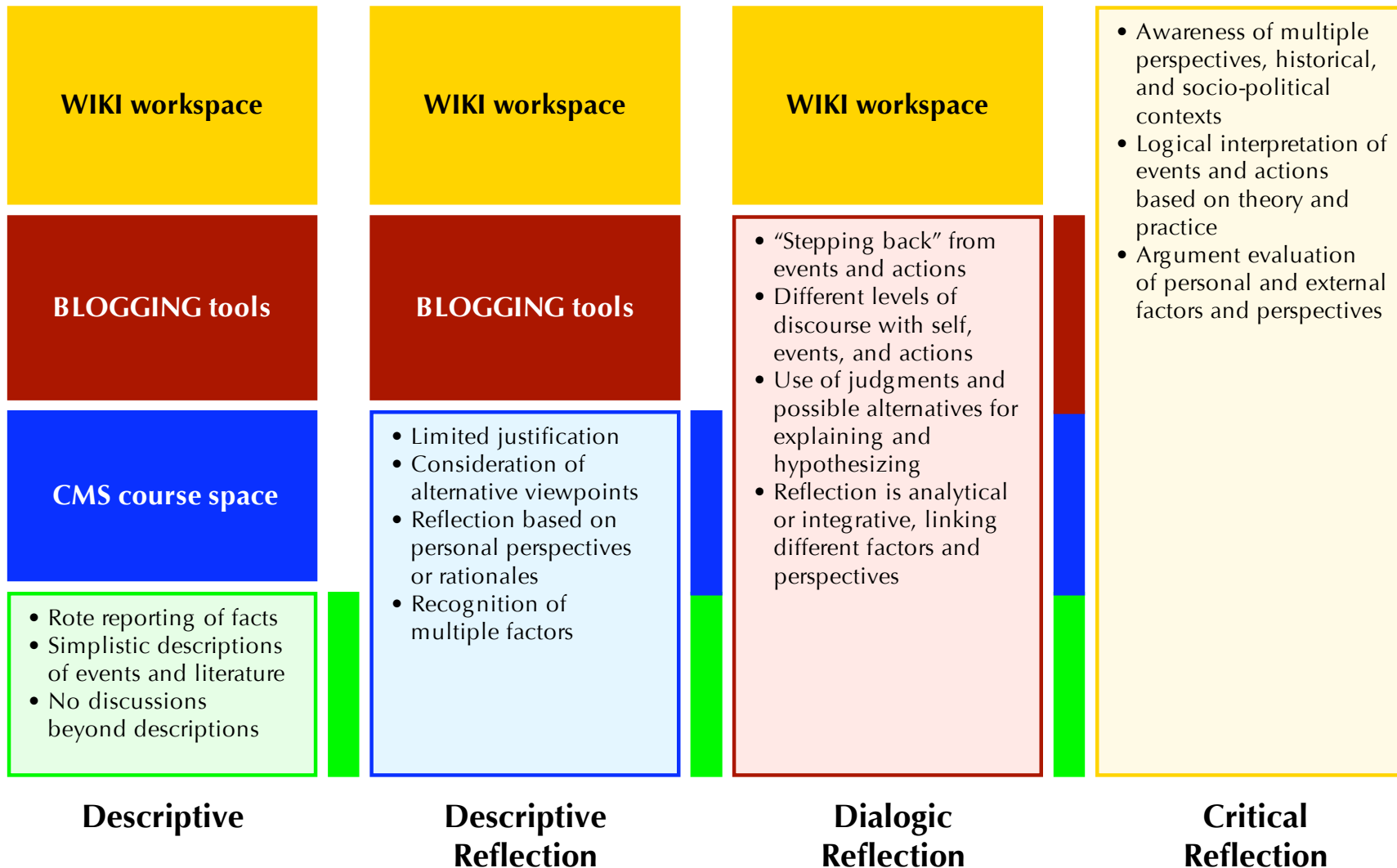
Instructional gap analyses (Clark & Estes, 2000)

How can we bridge the gaps?



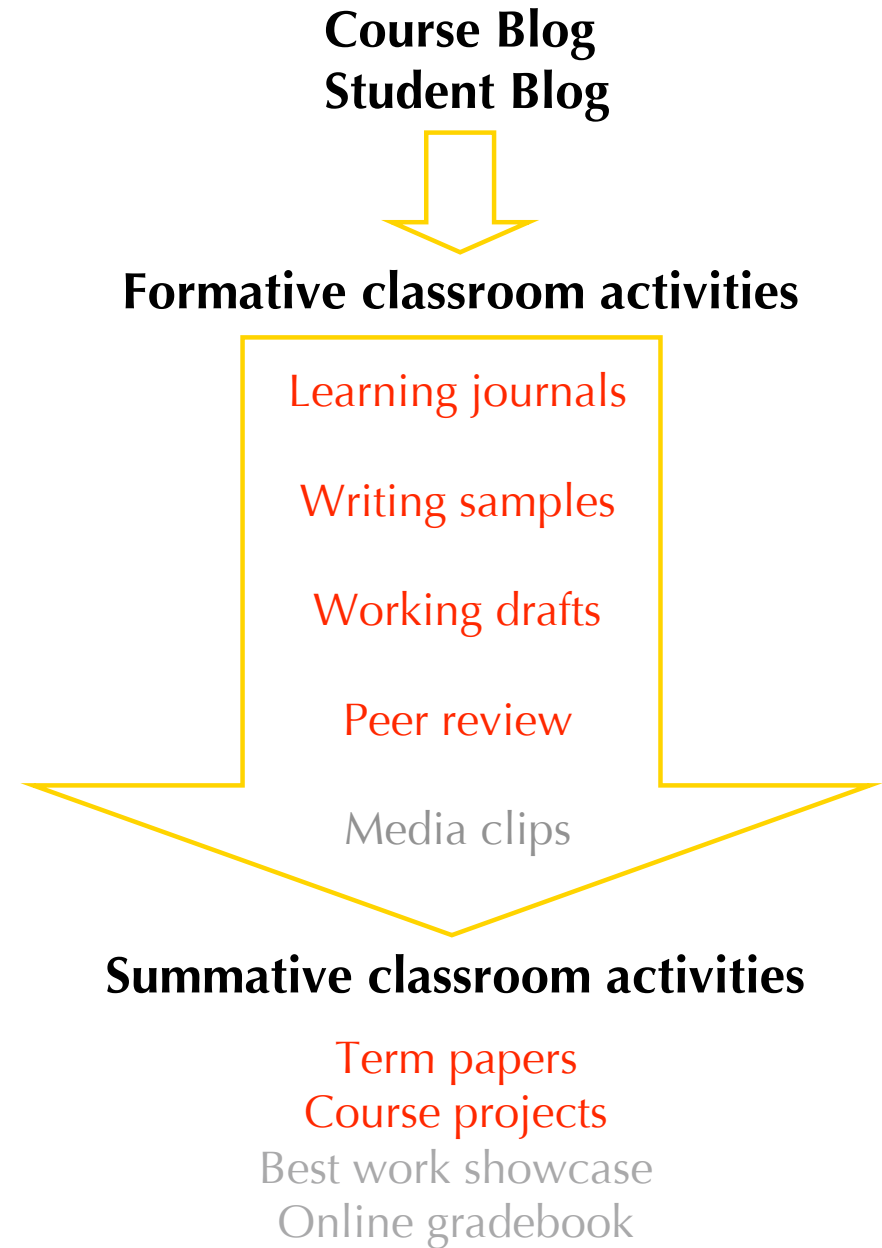
Instructional technology alignment (USC Center for Learning)

How can technology help bridge the gaps?



Exploration of possible tools

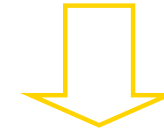
- **Blogs:** MoveableType, ExpressionEngine
 - ✓ Permission-based editing and viewing of content
 - ✓ Structured, chronological display of entries
 - ✓ Threaded comments w/email notifications
 - ✓ File attachments
 - ✓ Automatic RSS syndication and archiving
 - ✓ Built-in search engine
- *Wikis*
- *Carnegie/KML KEEP Toolkit*
- *Content Management Systems:*



Exploration of possible tools

- **Blogs:** MoveableType, ExpressionEngine
- **Wikis:** MediaWiki, JotSpot, Confluence
 - ✓ Permission-based editing and viewing of content
 - ✓ Unstructured or customizable displays of content
 - ✓ Page versioning, automatic content archiving
 - ✓ File attachments
 - ✓ Email integration
- *Carnegie/KML KEEP Toolkit*
- *Content Management Systems:*

Course Wiki
Student Wiki



Formative classroom activities

Learning journals

Writing samples

Working drafts

Peer review

Media clips

Summative classroom activities

Term papers

Course projects

Best work showcase

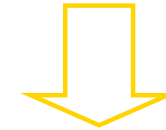
Online gradebook



Exploration of possible tools

- **Blogs:** MoveableType, ExpressionEngine
- **Wikis:** MediaWiki, JotSpot, Confluence
- **Carnegie/KML KEEP Toolkit**
 - ✓ User-friendly page templates
 - ✓ WYSIWYG editor
 - ✓ Multimedia integration
 - ✓ Collaborative content sharing
 - ✓ Built-in search engine
- **Content Management Systems:**

**KEEP Toolkit
Web Pages**



Formative classroom activities

Learning journals

Writing samples

Working drafts

Peer review

Media clips

Summative classroom activities

Term papers

Course projects

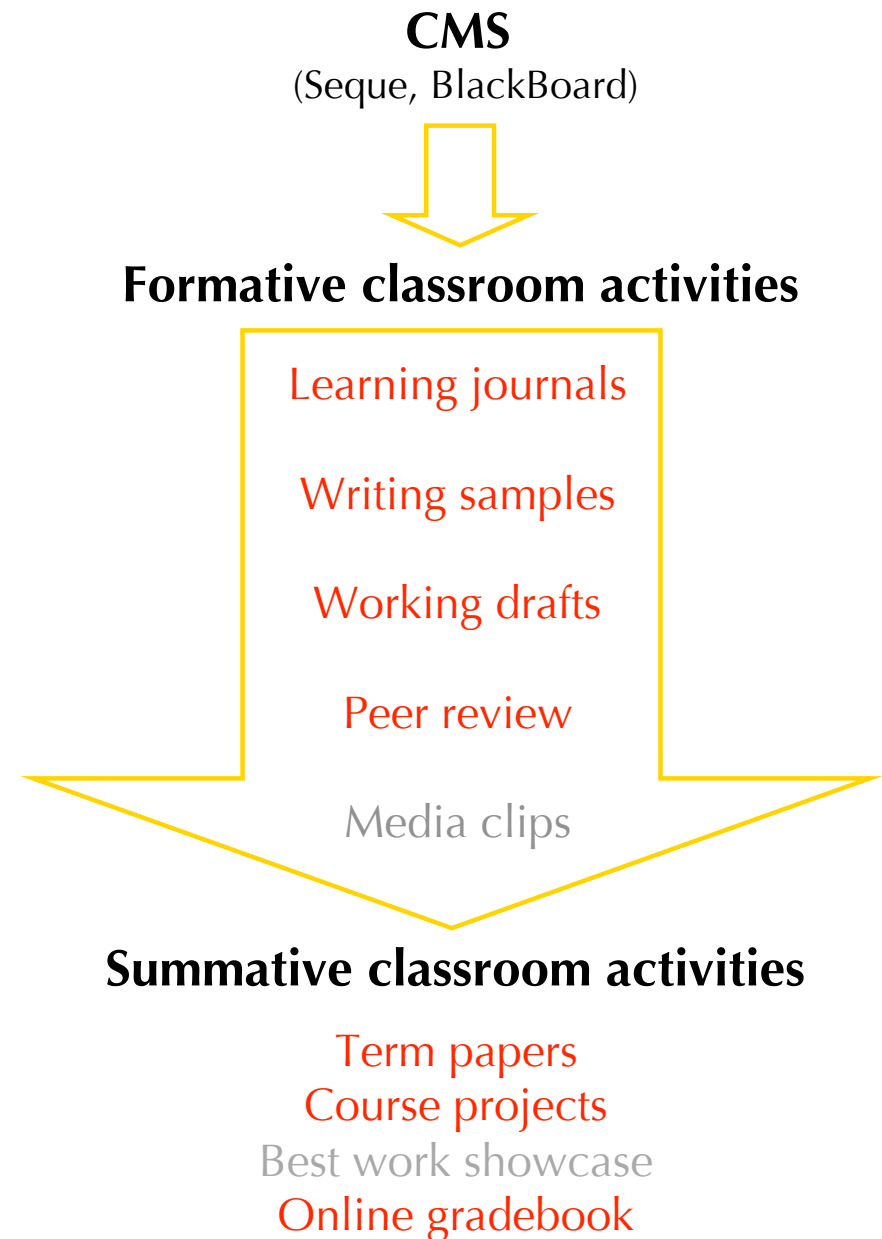
Best work showcase

Online gradebook



Exploration of possible tools

- **Blogs:** MoveableType, ExpressionEngine
- **Wikis:** MediaWiki, JotSpot, Confluence
- **Carnegie/KML KEEP Toolkit**
- **Content Management Systems:**
 - ✓ Permission-based access
 - ✓ Multi-format file integration
 - ✓ Communication tools
 - ✓ Collaborative tools
 - ✓ Standardized application structure
 - ✓ Built-in search engine



Bridging Theory and Practice

- **Community of Practice**

- Faculty
- Technology dev/support staff
- Center for Learning staff
- Students

- **Samples of ePortfolios in use**

- KEEP Toolkit
<http://www.cfkeep.org/html/snapshot.php?id=97991217>
- BLOGS: Expression Engine
<http://cst-tls.usc.edu/tls/ee2/index.php?/writ340/index/>
<http://cst-tls.usc.edu/tls/ee2/index.php?/suryan/index/>
- WIKI: Confluence (pending Fall 2005)



Where to Next?

- **Wikis**

- Collective personal knowledge bases
- Pan-curricular coordination and assessment

- **Social software**

- Student-led informal learning (utilizing folksonomies to engage students' natural interests) (Pea, 2005)
- Pan-curricular coordination and assessment

- **Syndication/RSS**

- Library feeds from journals (saved research feeds and portfolios)
- Just-in-time program-level portfolios (accreditation)

