

6 Facets of Understanding

Understanding by Design

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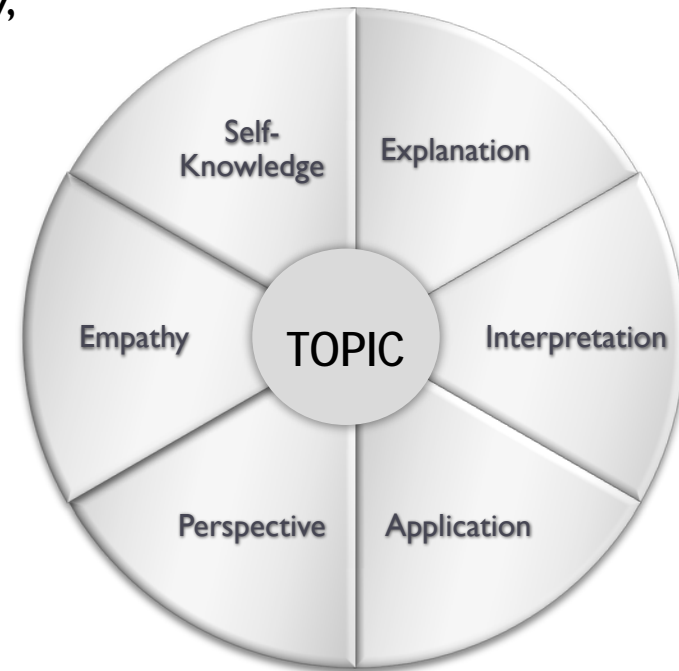
*“...teach it, use it, prove it, connect it,
explain it, defend it, [and] read
between the lines.”*

*J.McTighe & G.Wiggins. (2004) Understanding by Design. (p.82) Virginia:
ASCD*



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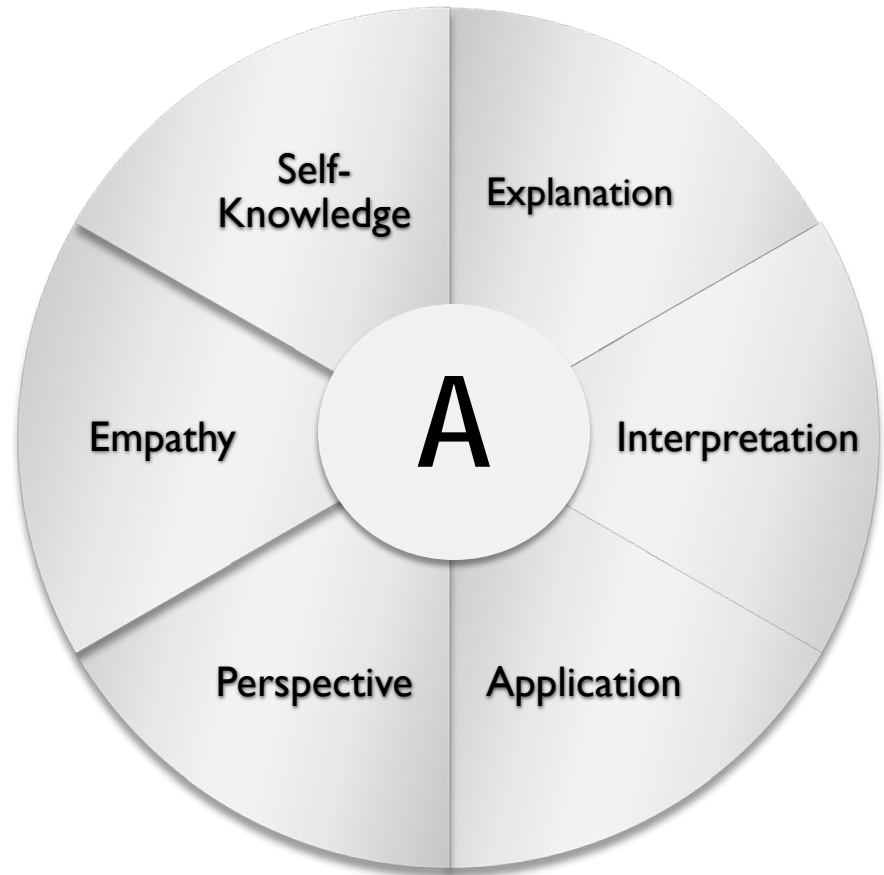
- ▶ **Explanation** – to describe the who, what, when, why, how aspects
- ▶ **Interpretation** – to make meanings with personal values
- ▶ **Applications** – to adapt knowledge in diverse contexts to meet requirements
- ▶ **Perspective** – to develop multiple view points on the topic
- ▶ **Empathy** – to provide insights from another role or stakeholder
- ▶ **Self-Knowledge** – to examine personal needs or values



Experience on Using the 6 Facets to Reflect on My Learning of a Topic

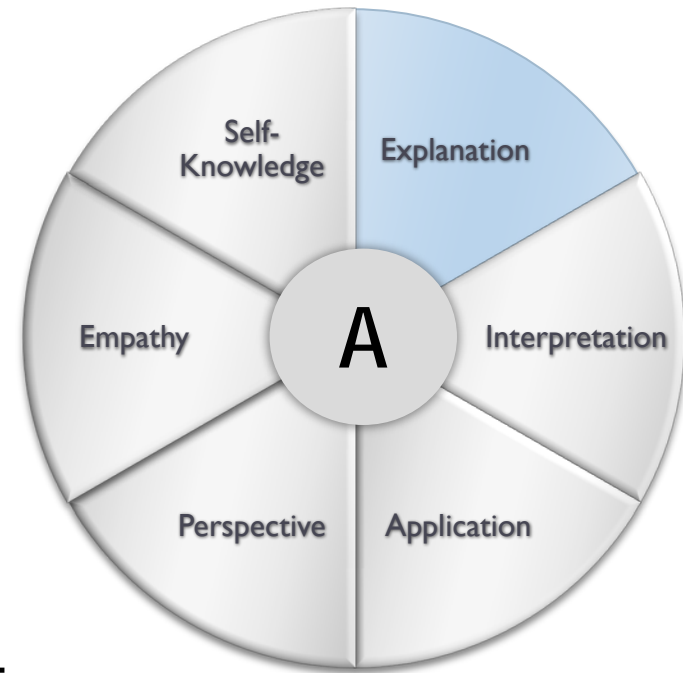
Topic :

A = Concepts and
Implementation of
ACCESSIBILITY



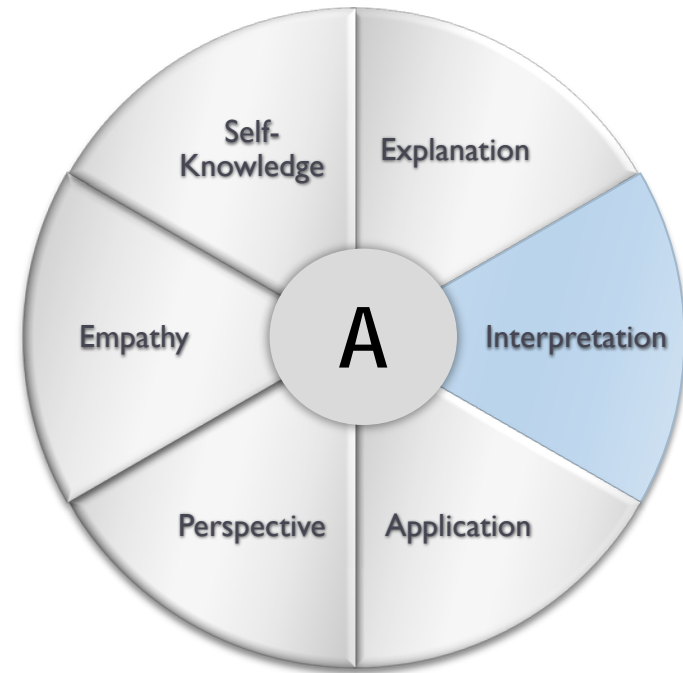
My Reflection on Explanation

- ▶ “An accessible document is free of access obstacles for users who rely on using information technology or assistive technology, such as a screen reader, magnification, keyboard access, etc.”
- ▶ “It is required by the CSU to implement for all courses by 2012 and immediately for new courses.”



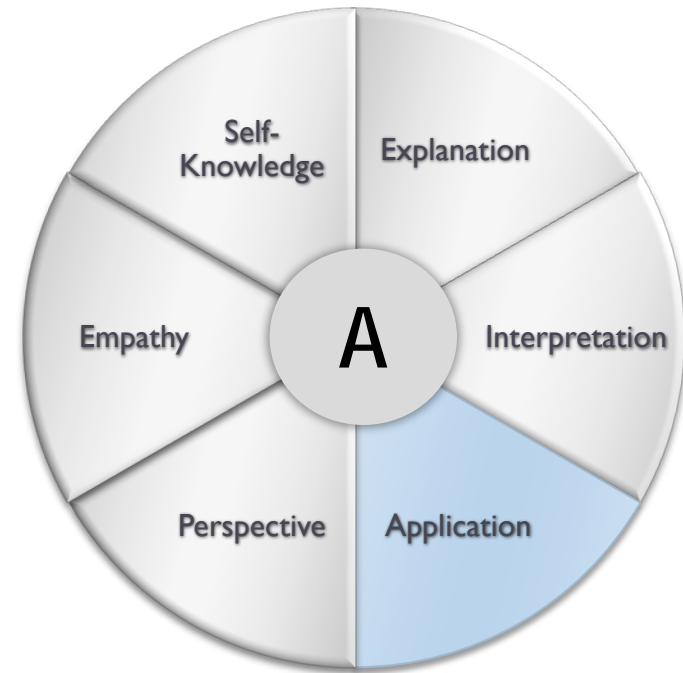
My Reflection on Interpretation

- ▶ “Be able to read accessible documents is like doing away with round door knobs and replacing them with automatic door openers.”



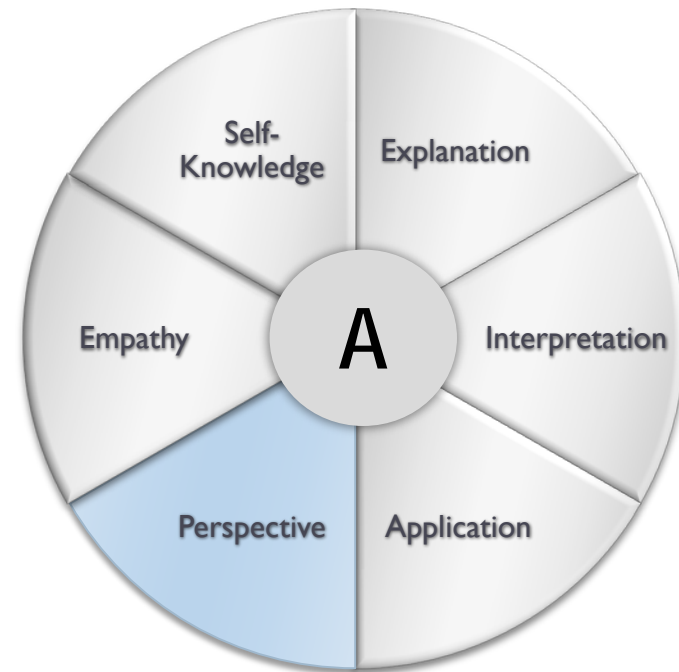
My Reflection on Application

- ▶ “Create digital contents.”
- ▶ “Apply structure and headings to a document.”
- ▶ “Provide text equivalent information to all visual materials.”
- ▶ “Provide closed captioning to all audio materials.”



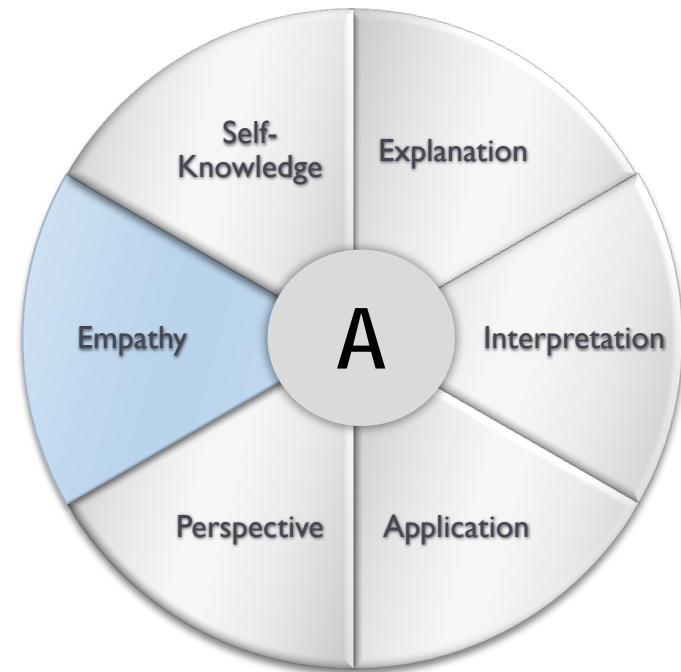
My Reflection on Perspective

- ▶ “Accessible documents also benefits diverse learning styles.”
- ▶ “Accessibility standard is not black or white but a continuum.”
- ▶ “Applied by architects first.”



My Reflection on Empathy

- ▶ “Minimal effort could benefit many different learners with visible or invisible learning challenges.”
- ▶ “Faculty could be resistant due to work overload and lack of support.”
- ▶ “Certain subject matters are more difficult to make accessible than others.”



My Reflection on Self-Knowledge

- ▶ “Applying headings also lets me create TOC easily.”
- ▶ “I need to start because I have a new course coming up next semester.”
- ▶ “But I teach visual dominant subjects. Aiyah...”

