

The Technology Learning Cycle

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The Technology Learning Cycle is a tool that faculty can use to reflect on their own learning about technology. It provides a way to think about how we learn to use new tools and incorporate them into our teaching. The Cycle was developed in the late 1990s at the University of Missouri to help faculty members who were training pre-service teachers in the use of technology. A central premise of this model is that faculty must be lifelong learners with regard to technology.



Phases of the technology learning cycle

1. **Awareness** – becoming aware of technologies through media, friends, family, colleagues, or students.
2. **Exploration and Filtration** – examining various technologies and selecting a tool that shows potential for personal and classroom use.
3. **Learning**- developing a comfort level with the technology
4. **Technical** – learning the mechanics of working with the technology.
5. **Pedagogical** – preparation, planning, and practice using the tool to enhance learning.
6. **Application** – implementing a project that uses the technology to fulfill a need.
7. **Sharing and Reflection** – thinking critically about what you have learned, passing the knowledge on to others, and personally applying it to restart the cycle.

The cycle repeats each time you become aware of a new technology and choose to implement it in the classroom. Each cycle is typically more sophisticated than the previous one. The cycle propagates as others pick up on the knowledge you share.

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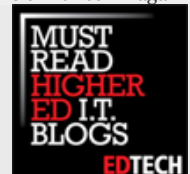
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