

Breakout Group Reports

Group 1

Technology and Today's Learner: Considerations

1. We can enhance teaching and learning with technology, and we have a responsibility to learn more, and disseminate what we learn, about how new technology can positively impact learning, including learning from the learners themselves.

Group 1

Technology and Today's Learner: Considerations

2. To maximize the educational experience, it is important to be cognizant of the developmental level of both the learner and the instructor as well as the developmental lifespan of the technology.

Group 1

Technology and Today's Learner: Considerations

3. We need to be aware of access issues in our own communities and how adoption of new technologies may exclude entire groups from the learning experience; APA and our local institutions need to work with private corporations, granting agencies, legislators to eliminate tech deserts.

Group 2

Online Teaching

- 1. Recommendation: BEA considers the commissioning of a group to explore and develop Guidelines for Best Practices in Online Teaching in Psychology across the lifespan (K-12, Undergrad, Graduate and Post-Graduate) with particular attention to:**
 - Maximizing course enjoyment**
 - Preserving course integrity**
 - Enhancing accessibility and diversity**
 - Addressing institutional resources for online teaching**

Group 2

Online Teaching

2. APA considers developing an online resource exchange of material and models that incorporate best practices in online teaching that could be utilized in varying educational contexts.

Group 3

Games

- 1. Personal experiential learning through games to build an understanding of the outcomes of behavior and choices**

Group 3

Games

2. Building for students, parents, siblings, or community members an understanding of an other's experience

Group 3

Games

3. Understanding interaction or building communication through a multiplayer or shared experience

Group 4

Learning Analytics

1. Implementation of Learning Analytics has distinct stages:

- Assessment
- Analysis
- Prediction
- Implementation

Group 4

Learning Analytics

2. Competency based analytics requires established learning goals (Outcomes), skills and abilities that demonstrate the outcomes (Competencies), and measurable descriptions of students' performances (Criteria).

Group 4

Learning Analytics

3. There is often a disconnect between the institutional leaders that purchase analytical tools and resources, and those that are required to use them or implement them for program/class analytics.

Group 5

Training for Effective Online Teaching

1. Competencies for online teaching are distinct compared to face-to-face teaching formats. These include, but are not limited to: effective teaching skills, assessment techniques, course development and management, addressing student diversity, interpreting online learning management systems data, and appropriate levels of authenticity and engagement.

Group 5

Training for Effective Online Teaching

2. Preparation for online teaching requires specific training. Training for online educators should include online learning, continued professional development, and ongoing instructional support. Training should include the scholarship of online teaching, principles related to online learning pedagogy, and experiential online teaching practice.

Group 5

Training for Effective Online Teaching

3. Online instructors must be supported to adapt to changes in technology, best practices, and student populations. Included in this support and having access to necessary stakeholders, continuing education, and student data.
 - Underlying the above principles, the focus of online courses must have quality of content at its core.

Group 6

Applications of Psychological Science to Learning Using Technology

1. Multimedia and Modality Principles

People learn abstract concepts/material better with pictures (visual and aural demonstrations) and words than words alone. People learn better when the words are spoken than written.

Group 6

Applications of Psychological Science to Learning Using Technology

2. Sometimes students may learn as well or better when technology is NOT used.

Group 6

Applications of Psychological Science to Learning Using Technology

3. Electronic textbooks modified based on learning analytics data—changes based on learning science.

Reflection Questions

1. What is one topic or resource that you learned about during ELC that you would want to explore further?
2. What would motivate you to explore this topic or resource in your setting?
3. What challenges and opportunities do you anticipate in your setting that would hinder or facilitate you moving forward with this topic or resource?