

# Identifying and Assessing Emerging Tools and Technologies

## Identifying Emerging Technologies

**Emerging technologies** are digital tools that can be incorporated into teaching and learning environments to **support and reinforce** learning in creative and collaborative ways.

### 1 Identify Emerging Tools

Technology is ever-changing and more sophisticated platforms are introduced continually. It is vital to develop skills in assessing emerging tools and technologies to determine if and how new tools and technologies are beneficial.

#### Reflection:

- ✓ What tools and technologies do my students already have access to?
- ✓ Where do these tools and technologies miss the mark in the learning process?
- ✓ What do I need a new tool or technology to accomplish?



Augmented Reality (AR)



Virtual Reality (VR)



Artificial Intelligence (AI)

### 2 Professional Learning Network

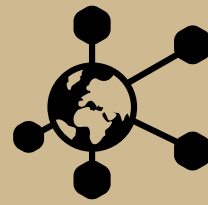
Professional Learning Networks (PLN) help to identify resources and emerging technologies that are currently implemented in classrooms locally and globally.

#### Considerations:

- ✓ Does my state or content area have an education association or teaching community that provides access to emerging technologies?
- ✓ Considering social media sources (ex. blogs, YouTube, Facebook, etc.), which teachers or organizations should I follow or subscribe to for more teaching advice and hacks?



Local



Global



Product-Oriented

### 3 Common Sense Education

Common Sense Education identifies research-based classroom tools that support student learning. It allows teachers to filter tools by grade level, content area, and platform, and complete reviews on digital tools.

#### Considerations:

- ✓ Is this tool suitable for the grade level and technological needs of my students?
- ✓ What form of training (ex. modeling or tutorial videos) is necessary for me and my students?



Learning Rating



Community Rating



Privacy Rating

Identifying and assessing resources and new technologies is challenging. Teachers can join Professional Learning Networks (PLNs) to help identify emerging technologies used by teachers.