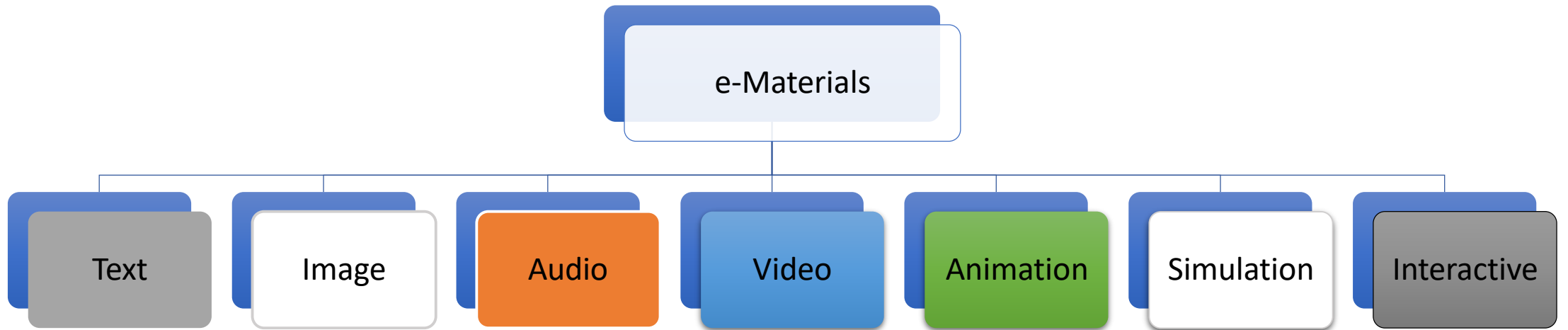
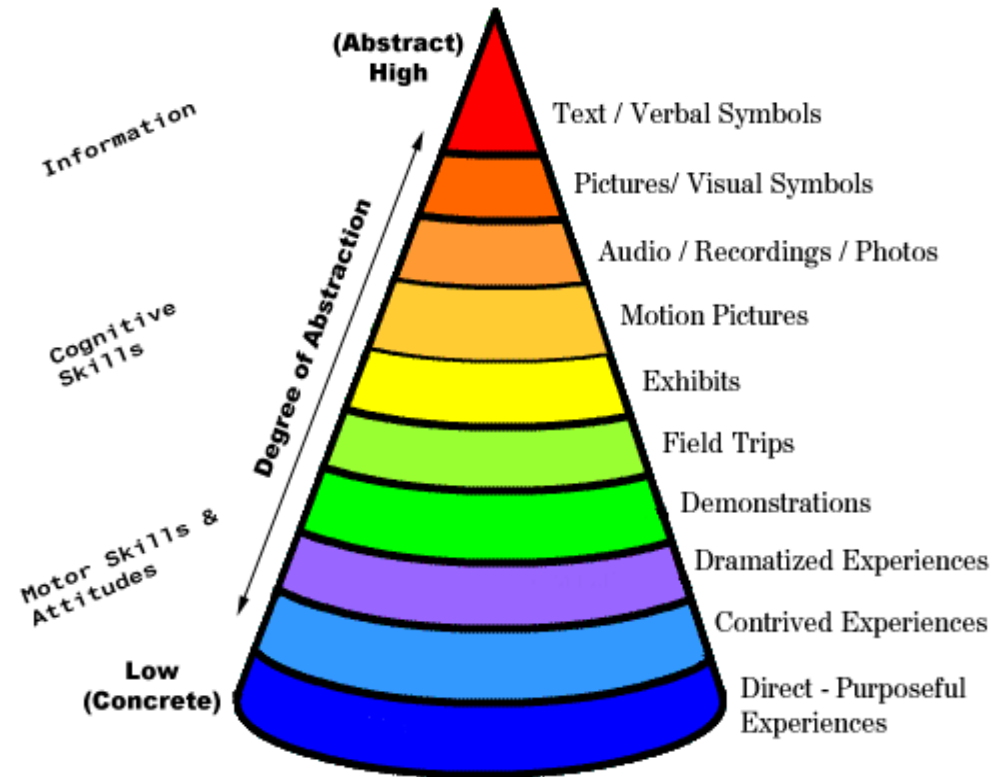


# Types of e-Materials



# The Cone of Experience

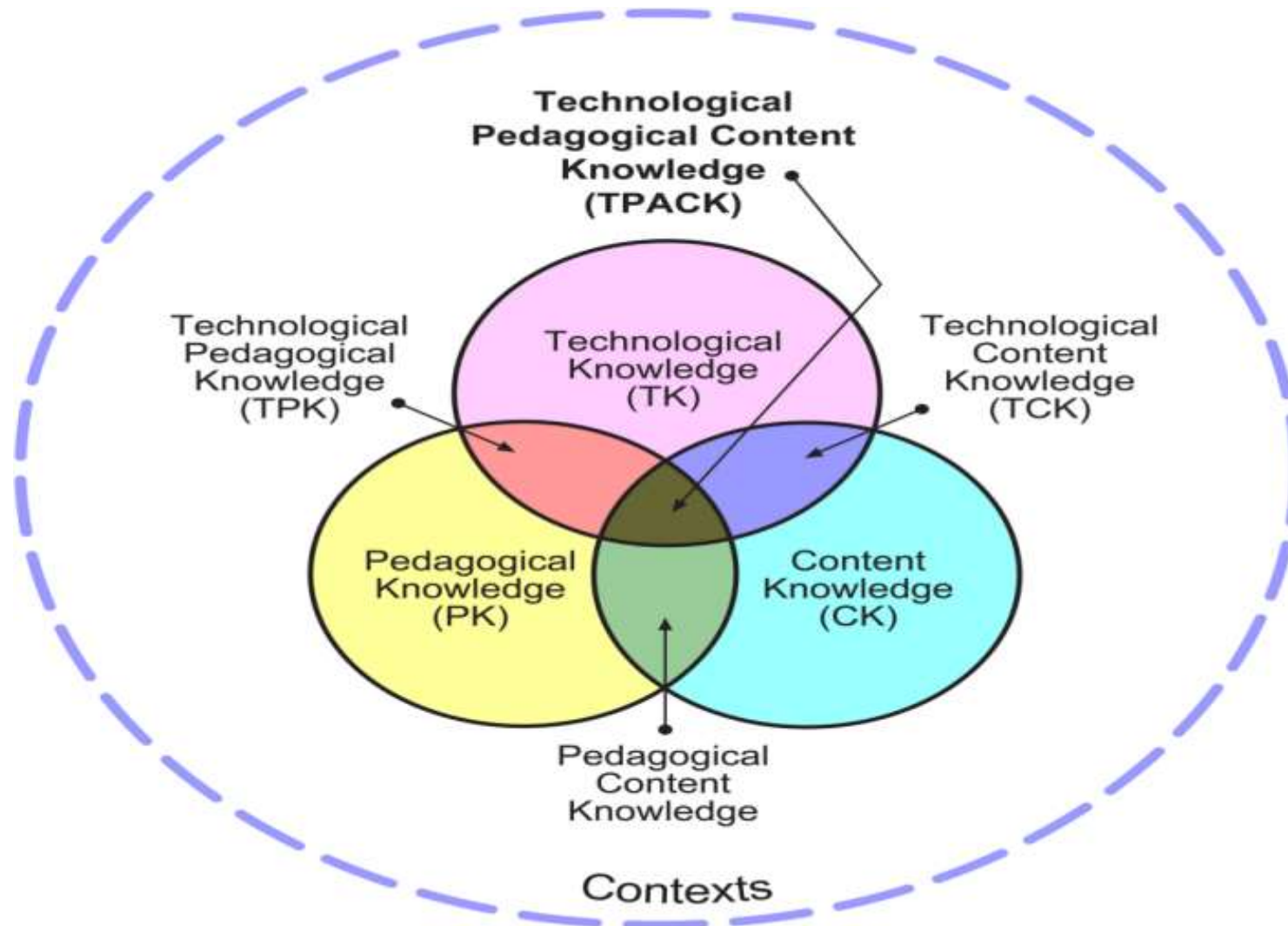


Graphic courtesy of Edward L. Counts, Jr.

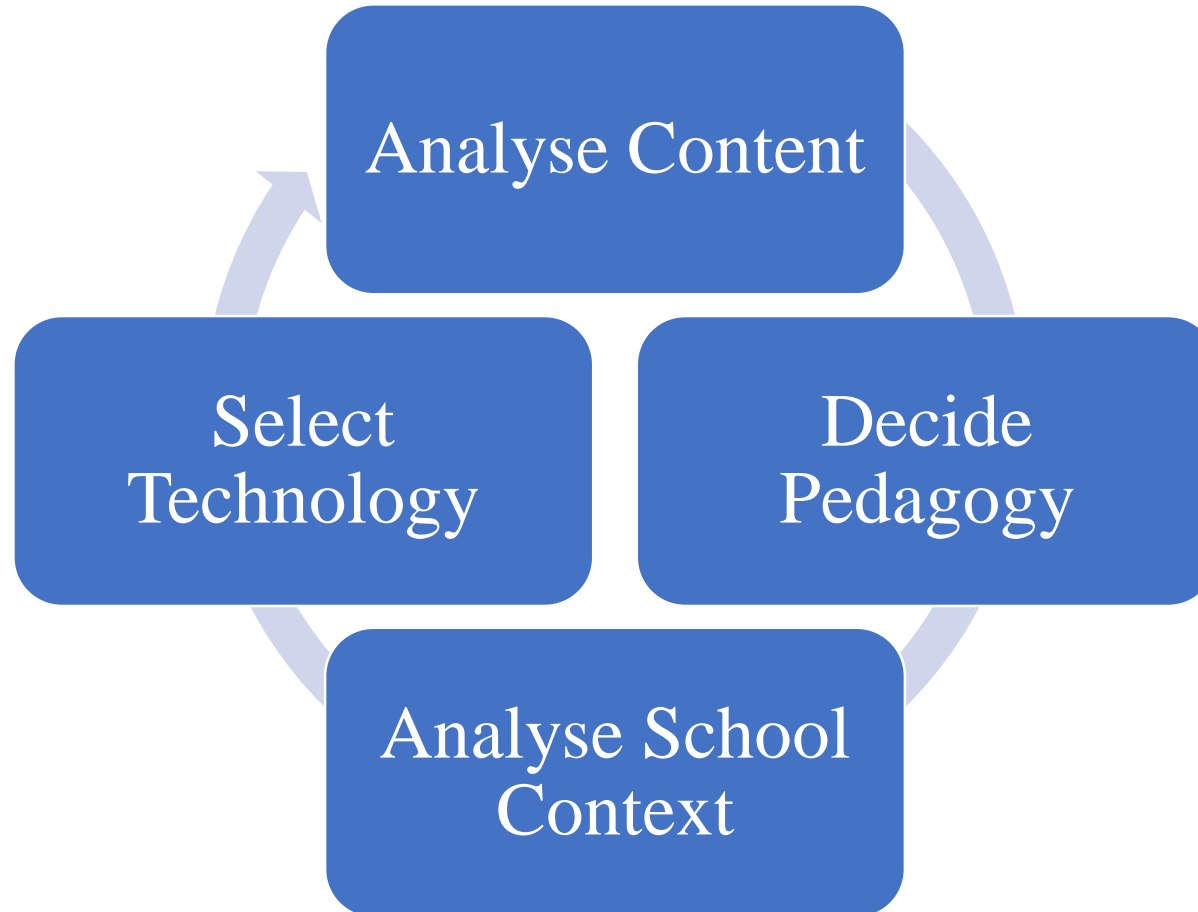
Source:

[https://www.12manage.com/images/picture\\_dale\\_cone\\_of\\_experience\\_interpretation\\_by\\_counts.gif](https://www.12manage.com/images/picture_dale_cone_of_experience_interpretation_by_counts.gif)

# Technological Pedagogical Content Knowledge (TPACK)



# Parameters for ICT Integration in Teaching



# ICT Tools

Wikipedia: Digital encyclopedia

YouTube: Video site as learning resources

Facebook: Social networking site

Google Meet: One to one interaction

Blogger: for blogging and creating websites

## ICT Tools Cont....

Email: Fast Communication

Google meet: Live group conversation

Google maps: Locate place

Quizlet: provides learning tools for students

Google Scholar: Searching scholarly literature

# ICT Tools....

eJaadui Pitara: Mobile app for teaching

Google classroom: Group sharing

Canva: Creating and delivering multimedia content

Google calendar: Time management app

Olabs: For virtual experiments

Google earth: Mapping and Location

# Govt. of India Initiatives

- 
- SWAYAM-MOOC (1900 Courses)
  - SWAYAM PRABHA (32 DTH Channels)
  - National Digital Library (4.3 crores text)
  - Virtual Lab (275 Labs)
  - e-Gyankosh (Open Education Universities)

## Govt. of India Initiatives Cont....

- Gyan Darshan-TV(For distance learners)
- Gyan Vani (Web radio)
- DIKSHA-Platform for teachers
- e-Pathshala (Free access to e-books and e-content)
- PM e-Vidya
- e-ShodhSindhu (Collection of e-journals)
- Shodhganga (for research scholars)

# Subject-specific Apps for History

## TimeMaps

Visual history maps that display events in context.

## Chronicle

Compiles timelines of significant events in a user-friendly format.

# Subject-specific Apps for Geography

## Google Earth

Explore virtually every region of the world in 3D.

## Geoguessr

Fun game that tests geographical knowledge through guessing locations.

## National Geographic's Mapmaker

Customizable maps for geographic exploration and understanding.

# Subject-specific Apps for Economics

## 1 Investopedia

Offers in-depth articles and videos on economics and finance topics.

## 2 Arth Manjusha

Interactive games that cover economics with real-world applications.

## 3 Mentimeter

Engaging games that teach economic principles in a fun way.