



TEACHING AIDS

Tools for Effective Teaching and Meaningful Learning

Engage
Explain
Explore
Empower



Meaning

Teaching aids are instructional materials, tools, or resources used by a teacher to make the teaching-learning process more **effective, interesting, clear, and meaningful**.

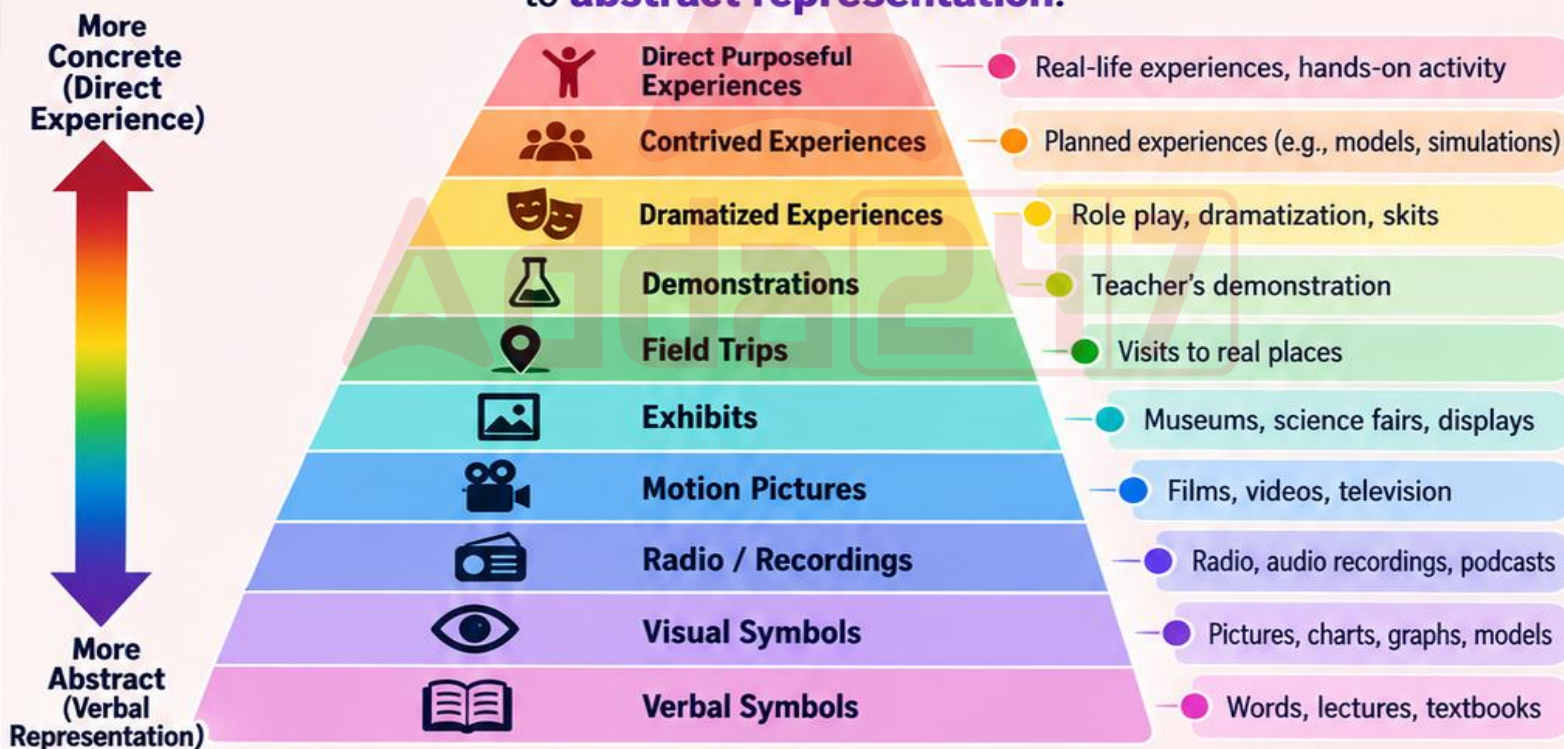


Simple Definition

“Teaching Aids = Tools that support teaching and enhance learning”

Edgar Dale's Cone of Experience

Teaching aids can also be understood from **direct experience** to **abstract representation**.



Key Idea

Learning becomes **more abstract** as we move towards **verbal symbols**.

From Experience to Understanding

MASTER THE NOTES? TAKE THE QUIZ



TEACHING AIDS

Tools for Better Teaching, Brighter Learning

Simple
Tools
Big
Impact

1 VISUAL AIDS

Appeal primarily to the sense of **sight**.



Examples:

- Charts
- Maps
- Posters
- Models

2 AUDIO AIDS

Appeal primarily to the sense of **hearing**.



Examples:

- Radio
- Audio recordings
- Podcasts
- Tape recorder

3 AUDIO-VISUAL AIDS

Appeal to both **sight** and **hearing**.



Examples:

- Television
- Videos
- Films
- Multimedia presentations

4 PROJECTED AIDS

Require a device for **projection**.



Examples:

- PowerPoint presentations
- LCD projector
- Overhead projector (OHP)
- Slide projector

5 NON-PROJECTED AIDS

Can be used directly **without** projection equipment.



Examples:

- Charts
- Posters
- Models
- Flashcards

Make
Learning
Visible,
Audible and
Meaningful

MASTER THE NOTES? TAKE THE QUIZ

TRADITIONAL TEACHING SUPPORT SYSTEM

Traditional systems primarily rely on **teacher-centred instruction** and conventional classroom resources.

Same
Classrooms
Stronger
Foundations

Common Tools



Blackboard /
Whiteboard



Chalk and Duster



Textbooks



Charts and Maps



Models and
Specimens



Printed Notes
and Handouts

Key Features



Primarily
teacher-centred



Face-to-face
classroom interaction



Limited use
of technology.



Mostly one-way
communication.



Fixed time and place
of learning.



Emphasis on lecture
and explanation.



*Rooted in Tradition
Built for Learning*



MASTER THE NOTES? TAKE THE QUIZ

Technology
Today
Better
Learning
Tomorrow

MODERN TEACHING SUPPORT SYSTEM

innovate
Educate
Empower

Modern systems integrate **technology and digital resources** to make learning more **interactive, flexible, and learner-centred**.

Common Tools



Smart Boards



Computers and Tablets



Multimedia Presentations



Learning Management Systems (LMS)



Online Learning Platforms



Virtual Labs and Simulations



Educational Apps



Digital Libraries

Key Features



More learner-centred



Interactive and collaborative learning



Technology-enabled instruction



Supports multimedia learning



Flexible learning anytime and anywhere



Encourages self-paced learning



Facilitates immediate feedback

Technology
Creates New Possibilities
in Education

Modern Tools
Brighter Learners
A Better Tomorrow

SAME GOAL
NEW TOOLS
BRIGHTER FUTURE

MASTER THE NOTES? TAKE THE QUIZ

TRADITIONAL VS MODERN

TEACHING SUPPORT SYSTEM

Quick Comparison



Traditional Support System



Teacher-centred



Blackboard, charts, textbooks



Mostly one-way



Face-to-face



Print-based



Fixed time and place



Mostly passive



Usually delayed



Teacher-controlled



Limited physical resources

Basis

Approach

Tools

Communication

Learning Mode

Content

Flexibility

Learner Role

Feedback

Pace

Access to Resources

Modern Support System



Learner-centred



ICT, LMS, smart boards



Interactive and collaborative



Online / Blended / Hybrid



Digital and multimedia-based



Anytime, anywhere learning



Active participant



Immediate and continuous



Can be self-paced



Vast digital resources

Different Approaches
Same Goal

Better Support
Brighter Learning

Evolve
Educate
Empower

MASTER THE NOTES? TAKE THE QUIZ



ICT TOOLS IN EDUCATION

Technology for Better Teaching and Learning



Learn
Engage
Create
Grow

Category	Tools / Examples	Purpose
 Learning Management Systems (LMS)	Moodle, Google Classroom, Canvas, Blackboard	Course management, content delivery, assignments, tracking progress
 Assessment Tools	Kahoot!, Quizizz, Socrative, Google Forms	Conduct quizzes, formative assessments, instant feedback
 Collaborative Tools	MS Teams, Zoom, Google Meet, Slack	Online classrooms, webinars, group discussions
 Content Creation Tools	Canva, Powtoon, Prezi, EdPuzzle	Interactive presentations, videos, animations
 Simulation / Virtual Labs	PhET, Labster, PractiLab	Experiential learning, science experiments online
 Digital Libraries/ Repositories	NPTEL, e-PG Pathshala, National Digital Library of India	Access to study materials, e-books, journals
 Communication Tools	Email, WhatsApp, Discussion Forums	Teacher-student interaction, announcements
 Gamification Tools	Classcraft, Quizlet, Duolingo	Motivating learners through games and challenges
 Collaborative Authoring Tools	Google Docs, Padlet, Trello	Group projects, brainstorming, content development
 Assessment & Analytics Platforms	Turnitin, Edmodo, Exam.net	Plagiarism checking, analytics, tracking learning outcomes



Empowering Education Through Technology



MASTER THE NOTES? TAKE THE QUIZ