



EDUCATIONAL TECHNOLOGY

FACTORS AFFECTING SUCCESSFUL IMPLEMENTATION

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GOAL (IMPORTANCE)

It is important to study Educational Technology and factors that affect successful implementation. Technology is ubiquitous in more parts of the world than others, but it is growing. Administrators are asked to satisfy Board and outside influence requests. What technology works and what makes it work or not work.



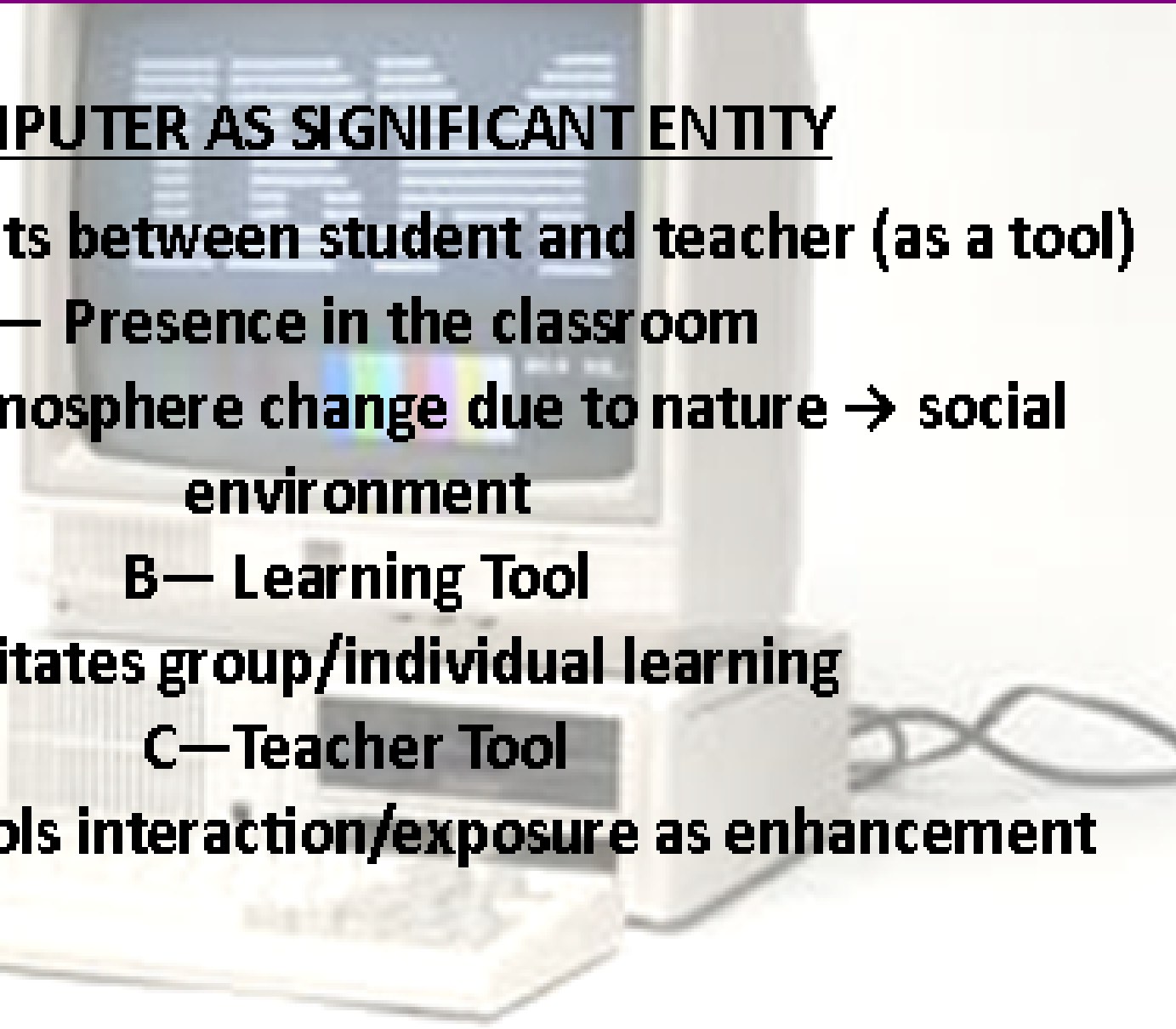
Introduction (Why)

Scientific research is just developing on effective educational technology
 Enhancement is universal to all subjects and ages.
 There exists custom systems with various parts to better understand function—how it affects learning.

FACTOR 1

COMPUTER AS SIGNIFICANT ENTITY

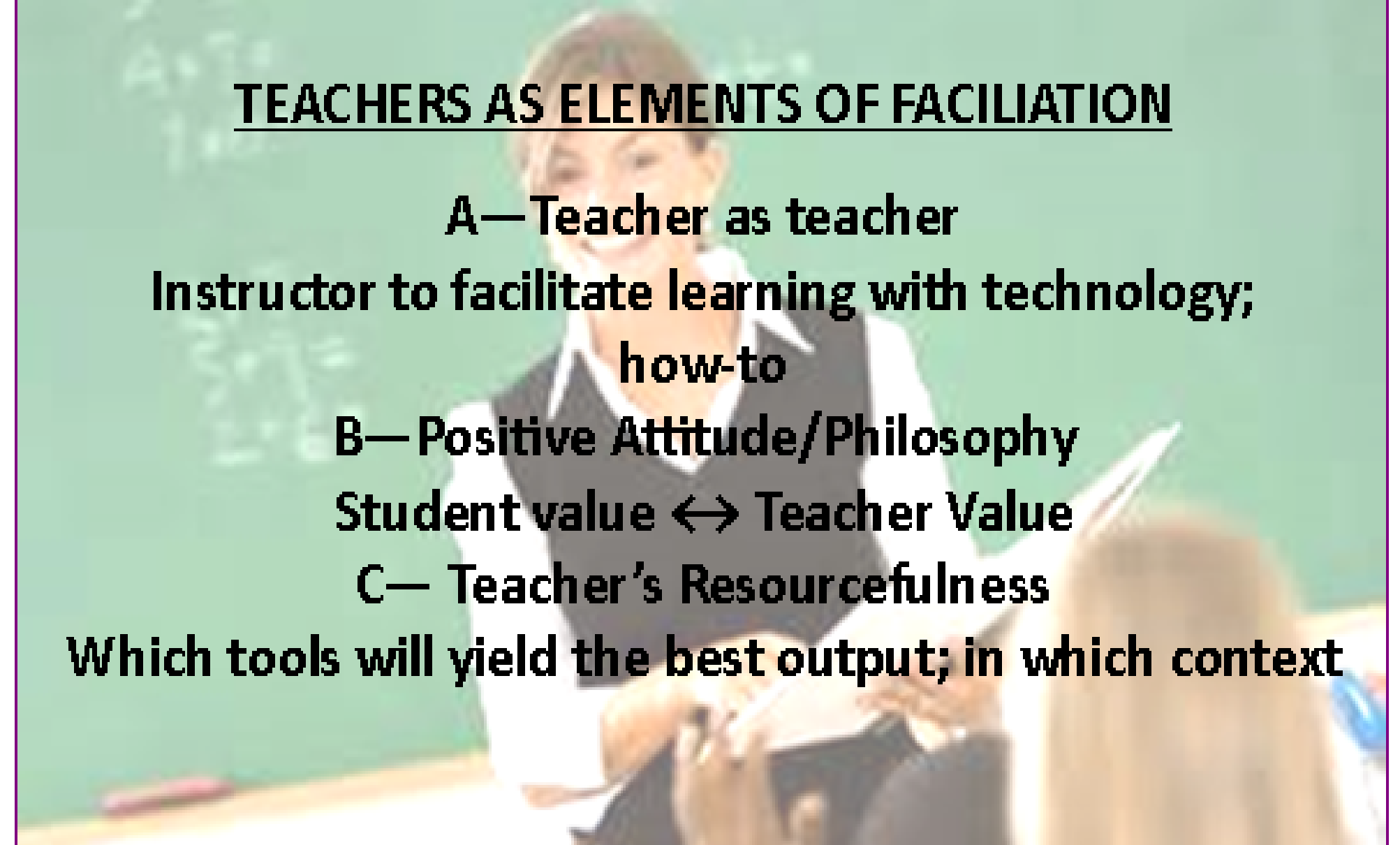
Conveys concepts between student and teacher (as a tool)
 A— Presence in the classroom
 structure/atmosphere change due to nature → social environment
 B— Learning Tool
 Facilitates group/individual learning
 C—Teacher Tool
 Teacher controls interaction/exposure as enhancement



FACTOR 2

TEACHERS AS ELEMENTS OF FACILITATION

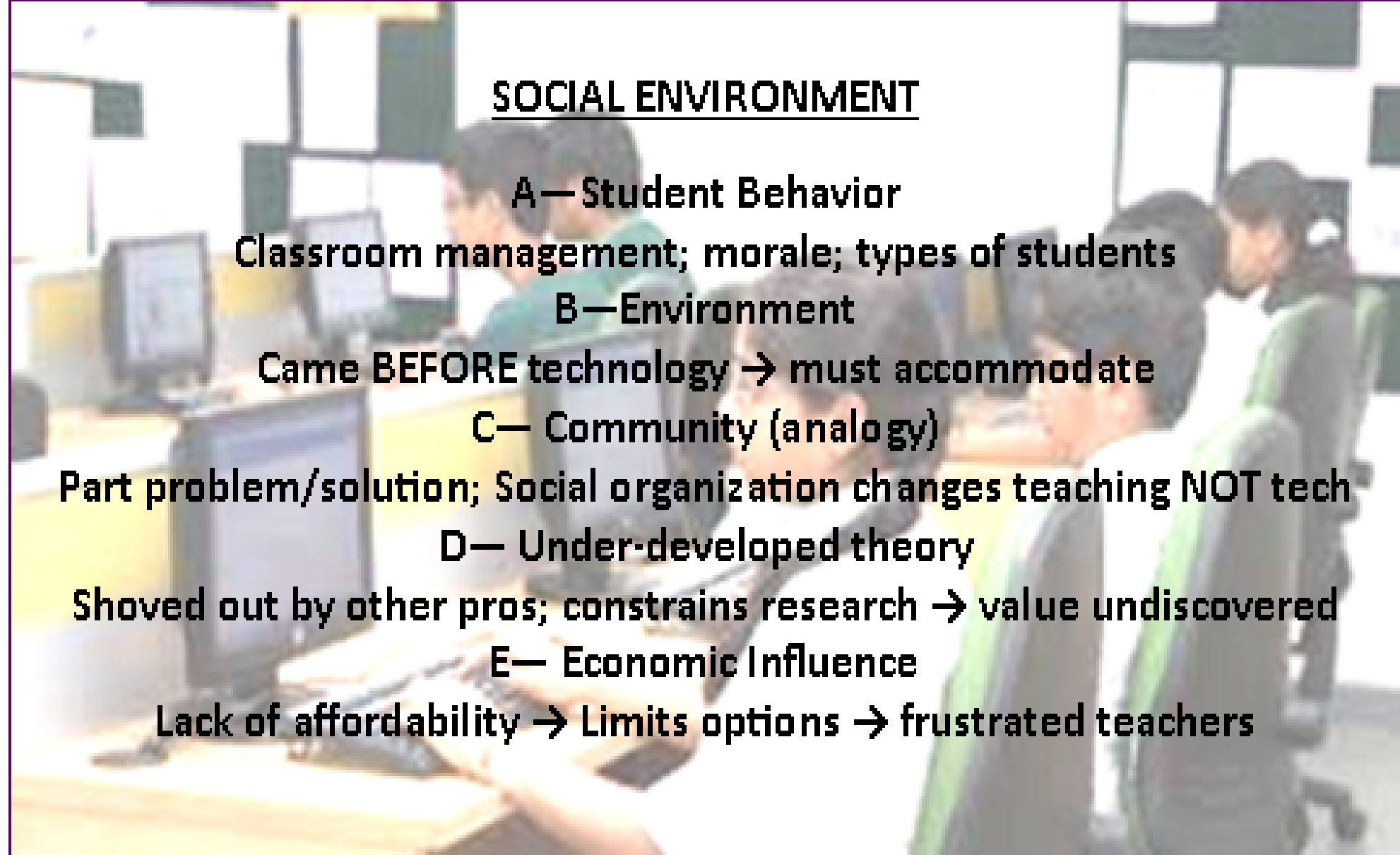
A—Teacher as teacher
 Instructor to facilitate learning with technology;
 how-to
 B— Positive Attitude/Philosophy
 Student value ↔ Teacher Value
 C— Teacher's Resourcefulness
 Which tools will yield the best output; in which context



FACTOR 3

SOCIAL ENVIRONMENT

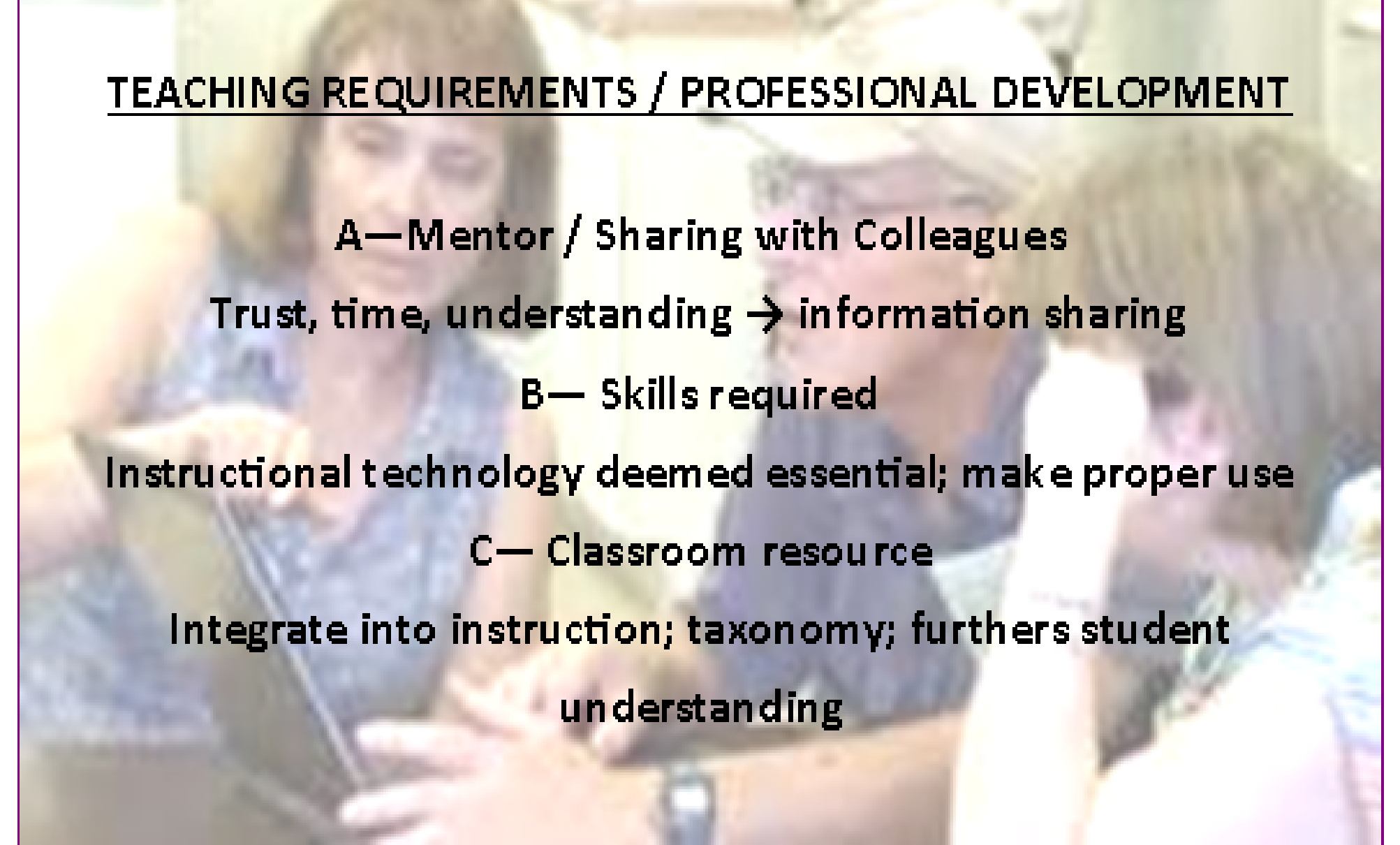
A— Student Behavior
 Classroom management; morale; types of students
 B—Environment
 Came BEFORE technology → must accommodate
 C— Community (analogy)
 Part problem/solution; Social organization changes teaching NOT tech
 D— Under-developed theory
 Shoved out by other pros; constrains research → value undiscovered
 E— Economic Influence
 Lack of affordability → Limits options → frustrated teachers



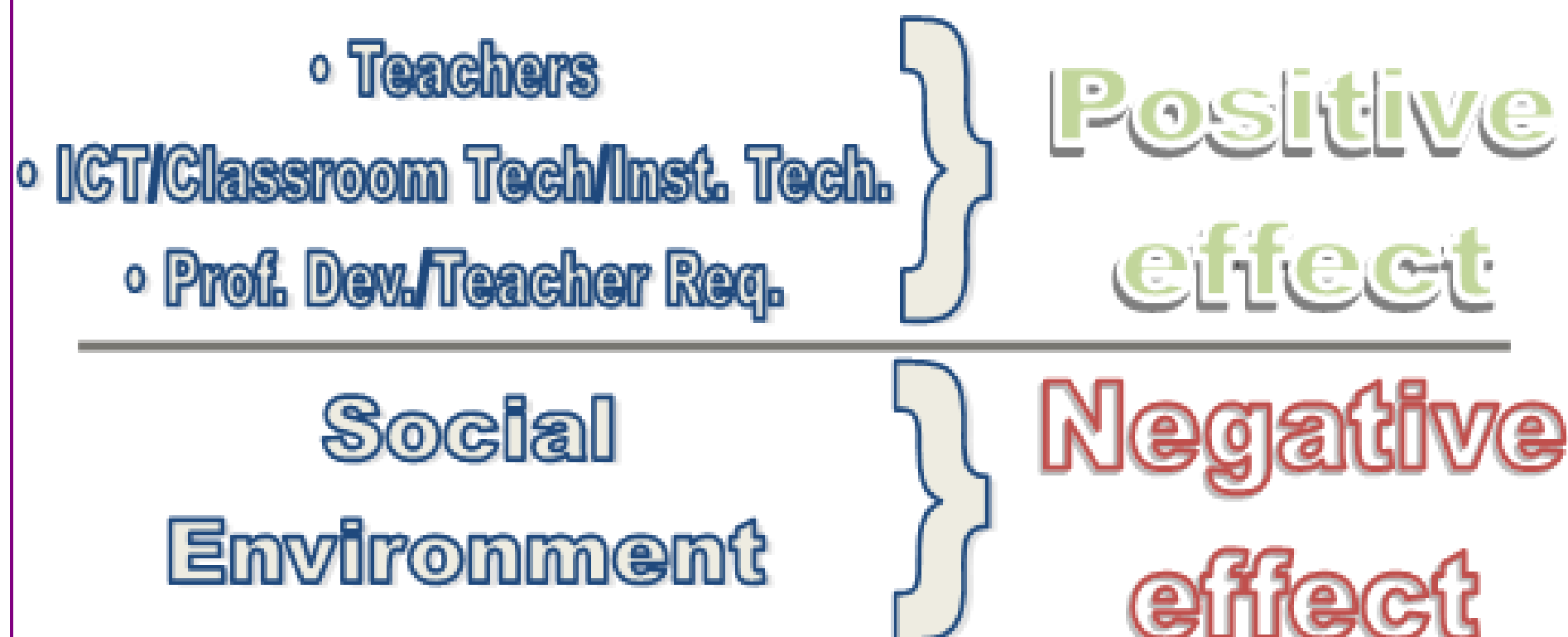
FACTOR 4

TEACHING REQUIREMENTS / PROFESSIONAL DEVELOPMENT

A—Mentor / Sharing with Colleagues
 Trust, time, understanding → information sharing
 B— Skills required
 Instructional technology deemed essential; make proper use
 C— Classroom resource
 Integrate into instruction; taxonomy; furthers student understanding



CONCLUSION



- Appropriate Technology is not disruptive/intimidating
- More conclusive research
- Different methods
- Contextual perspective on customized solutions
- ICT is engineered to accommodate learning
- No Definitive answer

