

Bebe Nodjomi

LEARNING SCIENCES

Research + Studying Learning

Metaphors:
Acquisition
(having) vs
Participation
(doing)

inert knowledge vs knowledge on fire

Deductive: Miner (quant) VS Inductive: Traveler (qual)

What's important when making claims:
Truth Value → validity vs credibility
Applicability → generalizability vs transferability
Consistency → reliability vs dependability
Neutrality → objectivity vs confirmability

Plato's Allegory of the Cave
"A fish is a fish"

Harvard Sensory Ethnography Lab
Leviathan + Sweetgrass



Behaviorism

Instructivism

Tests, facts, memorization

Cognitivism

Constructivism

Constructionism

F.W. Murnau's *Nosferatu*

Modern Times wrench scene



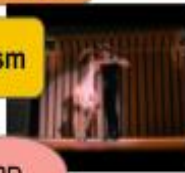
Pablo Larrain's *Neruda*



Vincente Minnelli's *Lust for Life*

Social Constructivism

Dirty Dancing



Situativity

Knowledge is participation in communities where this knowledge is valued

Person-Plus

Marshall McLuhan
Computers etc
extension of man



Videodrome

Building upon prior knowledge

Roland Barthes
Death of an Author?

Building things makes us happy, consciously metacognitively creating objects to display for others

Scaffolding

ZPD

Act of working together at one place to create meaning

WEB DuBois double consciousness

Cooley Looking Glass Self

Identity



Jafar Panahi's *This is Not a Film* + Asghar Farhadi's *About Elly*

Discourse

Primary Discourse (family/friends) vs Secondary Discourse (academic)

Piaget

Rationalist
→ Stages: knowledge grows w/self organization
→ symbolic objects hypothetical worlds
→ idealized/inner driven, independent
→ learn thru exploring
→ scaffolding
→ learning is an experience



Mead Symbolic Interactionism

Socio culturalist
→ people learn, thrive, & grow in relation to others
→ we "are" bc of others
→ social > individual
→ social first, then individual cognition
→ ZPD/ adults as teachers
→ curious inner driven, seek growth from more experience

Vygotsky



Intuitionist

→ expressing inner feelings
→ externalizing ideas - way to communicate w/ others
→ meaning thru tangible forms
→ learning thru making
→ situated + pragmatic
→ conversationalist
*Constructionist

Papert



Culture

Marlon Riggs' *Tongues Untied* + *Ethnic Notions*

