	Biheviorism	**Cognitivism**	**Humanism**	**Constructivism**	**Connectivism**
Time line:	Since 1900s	Since 1960s	Since 1960s	Since 1970s	Since 2000s
What is learning:	Development of desired behavior	Acquisition of new knowledge and developing adequate mental constructions	A mean which should help learner in self-actualization and development of personal potentials	Construction of new knowledge	Process of connection-forming
Control locus:	Environment	Learner	Learner	Learner	Mostly learner but also environment
Learner role:	Passive, simply responding to external stimuli	Active and central to the process, he learns objective knowledge from external world	Active and discovery	Active, constructing his representation of knowledge using preferred learning styles	Knowledge acquisition in form of establishing connections to other nodes
Learning process:	External supporting of desired or punishing of undesired behavior	An active process of acquiring and processing new information using prior knowledge and experience	Active learning through experience	Construction of subjective representation of knowledge based on prior knowledge and experience	Learning can also reside outside a person (within a database or an organization) and is focused on establishing connections
Critics:	Ignores learner and his mental processes, depends exclusively on overt behavior	Views knowledge as objective and external to the learner	More psychologically then experimentally grounded approach based on assumptions of free will and a system of human values which are generally believed to be true, yet sometimes discredited through counterexamples	There is little evidence for some constructivist views, and some even contradict known findings	A relatively new and according to some not fully developed theory

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Key authors:	Edward Thorndike (1874 - 1949), Ivan Pavlov (1849 - 1936), Edwin Guthrie (1886 - 1959), Edward Tolman (1886 - 1959), Clark Hull (1884 – 1952), Burrhus Skinner (1904 - 1990), William Estes (1919 -)	Max Wertheimer (1880 – 1943), David Ausubel (1918 - 2008), Albert Bandura (1925 -), Robert Gagné (1916 - 2002), Richard Anderson (1934 -), Roger Schank, John Sweller, Richard Mayer, Edgar Dale (1900 – 1985), Charles Reigeluth, Joseph Novak, Dave Merrill, Dave Merrill, Joseph Scandura	David Kolb (1939 -), Jack Mezirow , Carl Rogers (1902 - 1987), William Purkey (1929 -), John Holt, Malcolm Knowles, Paulo Freire	John Dewey, Jean Piaget, Lev Vygotsky (1896 - 1934), Jean Piaget (1896 - 1980), Jean Lave , Jean Lave, Etienne Wenger, Allan Collins, Jerome Bruner (1915 -)	George Simens, Stephen Downes