

The effect of computer technology

Technology, Computer



Learning is a function of the natural and continual variability in the world and variable action upon it. Constructivist would argue that in a school class not all children learn the same thing. The important thing for educators is to ascertain what each child knows and then plan learning programmes for each child or follow the child's lead. Conflict Fourth (1995) recognizes the importance of learners actively constructing their knowledge as suggested by the theoretical viewpoint of constructivism.

Looking at children's conflict (which has its roots in Piagetian thinking (Littleton 1995)) and disagreements (where children consider the other's point of view), Fourth (1995) concluded that children's disagreements: can be viewed as a legitimate source of collaboration; can be both constructive and productive in the learning process. Appear to hold an important role in active learning. Thus, by seeing an alternative way of tackling a problem, each individual makes cognitive gains which can subsequently influence problem solving.

All three constructivist theorists, Piaget, Vygotsky and Bruner, agree that the child is both determined and a determiner of knowledge and understanding. However, they place different emphasis on the direction of the relationship.