

How We Really Learn: The Micro-Spiral Method (MSM) The Transferring of Geoscience Knowledge to the Next Generation

By Dr. Edith G. Davis

Teaching and learning are the crux of every nation on earth. The issue is how we can teach science and particular Geo-sciences to the future generations especially Geo-scientist and Geo-science educators. What is the best method that will result in accelerated learning?

The answer is the Micro-Spiral Methodology; a spiral way of learning each iteration of this method adds another level of depth and understanding of knowledge and skills. The concepts are encoded on both the right and left sides of the brain and stored in long-term memory with a pneumatic retrieval mechanism. The scientific test results had an entire year's curricula which include Geo-science compressed into three months and micro-spiraled. African American state science test scores which included Geo-science went up by 45 percent. Hispanic scores went up close to 30%, economically disadvantaged scores went up by 32% and Anglos scores went up by 28%. The Micro-Spiral Methodology works in delivering Geo-science concepts, knowledge and skills.