Playful sciencing and the early childhood classroom

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Abstract
The purpose of this project is to examine the power of play, guided discovery, and hands-on experiences in the early childhood classroom, specifically as it relates to early childhood science experience. This paper will also propose a science curriculum encompassing a hands-on, guided discovery, play-based approach.

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During early childhood, children actively engage in acquiring fundamental concepts and in learning fundamental process skills. As we watch children in their everyday activities at various stages of development, we can observe them constructing and using concepts such as one-to-one correspondence—putting pegs in pegboard holes or passing one apple to each child at the table. Early childhood educators have always relied upon their knowledge of child development and maturational theories. More recently, it has become equally important to understand the vital roles that experience, culture and responsive adults play in the emergence in children of skills and abilities in each developmental domain. Her theory focused on the relationship between the child and the environment as a framework when developing her materials and teaching strategies. She believed that teachers should carefully observe children at work and play to determine what teaching and materials are appropriate for their next phase of learning. Early Childhood Research & Practice is in the process of moving to the early...
childhood special education program at Loyola University Chicago after 17 years at the University of Illinois at Urbana-Champaign. We are delighted by the opportunity to “pass the torch” to our Loyola early childhood colleagues. More details are forthcoming, but until then we are not accepting submissions to the journal. We suggest you visit ECRP’s Facebook page for future updates. Home Beyond This Issue SEED: Collected Papers. SEED Papers: Published Fall 2010 Science in Early Childhood Classrooms: Content and Pro Purposeful teaching to help children gain knowledge and skills. Specific support for children learning English, guiding and facilitating formation of neural connections in children’s brains. We provide the experience and the guidance, students do the work. Rote Rehearsal: repeating information or action again and again; increases duration for remembering. Dec 11, 2019 - Explore Wendy Ruiter-Bronkema's board “Early Childhood: Sensory and Science Play”, followed by 293 people on Pinterest. See more ideas about Sensory, Activities for kids, Early childhood. Thanks to each and everyone of you who share fun activities for our kids to do together - you are an inspiration to me (and the source of many of the pins. Motor Skills Activities Preschool Activities Preschool Learning Creative Curriculum Preschool Spring Activities Family Activities Pet Theme Preschool Spring Preschool Theme Bird Crafts Preschool.