Summary:

1. Interactive whiteboards and talking books - new approach to teach children to write
   1. the app can act as a whiteboard registering the writings of the children and converting it into a letter/word, then the audio can pronounce the sound of the letter
2. Game is very important for a child. Play is the preminent educational activity of early childhood (Berk,194). One theory of play proposes that play progreses through three phases: exploration, manipulation, which includes experimentation, and mastery which includes meaningful play (Escobedo,192)
3. Through investigations and learning, it is possible to promote children’s interest in science
4. Children like exploring things. As constructive learners, children depend on concrete, observable events (physical knowledge) to help them ‘figure things out’ (Van Scoy & Fairchild, 1993). They learn best when they participate in an integrated curriculum incorporating meaningful activities that connect their learning across traditional curricular areas (Campbell, 1992; Roser, Hoffman, & Farest, 1990; Short, 1991; Wakefield, 2000). Teachers can do a great deal to empower children as they provide them with opportunities to engage in real activities that challenge their thinking (Bransford, Brown, & Cocking, 2000). When children are provided with rich, interesting experiences during their early years, they view learning as a positive experience and begin to develop skills and strategies that are the foundations for lifelong learning.