

LEGO Bricks and Creativity: A Comparison between Classic and Single Sets

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Abstract : Near the early twenty-first century, LEGO decided to diversify its product range which resulted in more specific and single-outcome sets occupying the store shelves than classic kits having fairly all-purpose bricks. Earlier, LEGOs came with more bricks and lesser instructions. Today, there are more single kits being produced and sold, which come with a strictly defined set of guidelines. If one set is used to make a car, the same bricks cannot be put together to produce any other article. Earlier, multiple bricks gave children a chance to be imaginative, think of new items and construct them (by just putting the same pieces differently). The new products are less open-ended and offer a limited possibility for players in both designing and realizing those designs. The article reviews (in the light of existing research) how classic LEGO sets could help enhance a child's creativity in comparison with single sets, which allow a player to interact (not experiment) with the bricks.

Keywords : constructive play, creativity, LEGO, play-based learning

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