



BLACK MALES in ENGINEERING

"No one says it'll be easy, but it's worth it!" -Brian A. Burt, Ph.D.

Learning Through Play

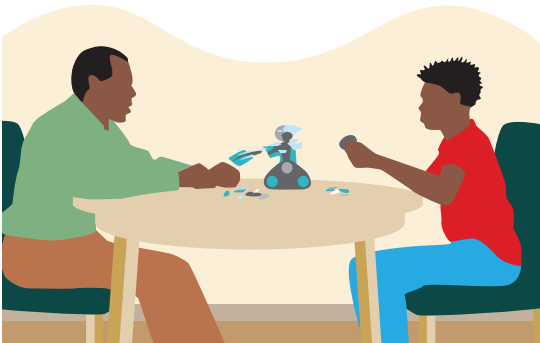


"Math and science are foundations for succeeding in science, technology, engineering, and mathematics (STEM) fields. But learning to become good at math and science doesn't have to be boring."

- Brian A. Burt, Ph.D.

Benefits Of Encouraging Play

Black boys should be allowed to play and be kids to further nurture their math and science curiosities, learning, and identity.



Activities That Encourage Learning Through Play

- (De)construction (gadgets, legos, robotics)
- Experiments (chemistry sets, volcano eruptions)
- Problem-solving (puzzles, crosswords, board games, design challenges)
- Content creation (video editing)
- Coding (websites, video games, programming)

Reflection Questions For Parents, Caregivers, And Teachers

- What options of play exist in my home/classroom?
- To help discover my child's/student's interests, curiosities, and confidence, do I have a variety of games that require different skills to complete? If so, what games does my child/student already play?
- How can I connect my child's/student's games to STEM learning?
- What options of play exist in my community that can spark my child's/student's interests in math and science? Examples include: walks around the neighborhood counting streets and blocks, looking at the height of buildings and trees, counting the number of vehicles that pass, identifying different plants and animals.
- How can I further spark joy in my child's/student's learning through play?



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