



EMPOWERING NEXT-GENERATION INNOVATORS: A PALAR APPROACH TO STEM EDUCATION



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NEED

Addressing the critical gap between predominantly white institutions (PWIs) and Historically Black Colleges and Universities (HBCUs) in STEM fields, this project targets systemic racism and aims to democratize innovation through education.

GUIDING QUESTION

How can the PALAR framework be applied to create an educational model that not only bridges institutional divides but also actively combats systemic racism and fosters innovation in STEM education?

OUTCOMES

Anticipated outcomes include enhanced problem-solving skills, cultural empathy, and student commitment to social justice. Demonstrated outcomes encompass the successful creation of a sustainable, community-engaged educational model at Harvest Dreams, Tuskegee.

GOALS

Showcase the application of PALAR to foster innovation and critical thinking; demonstrate the model's effectiveness in addressing racism in STEM; present a scalable model for community and educational transformation; encourage adoption of similar frameworks across academic institutions.

BROADER IMPACTS

This model extends beyond educational transformation, influencing societal norms and promoting equity and inclusion in STEM education across institutional boundaries. It serves as a replicable blueprint for other institutions aiming to address similar challenges.



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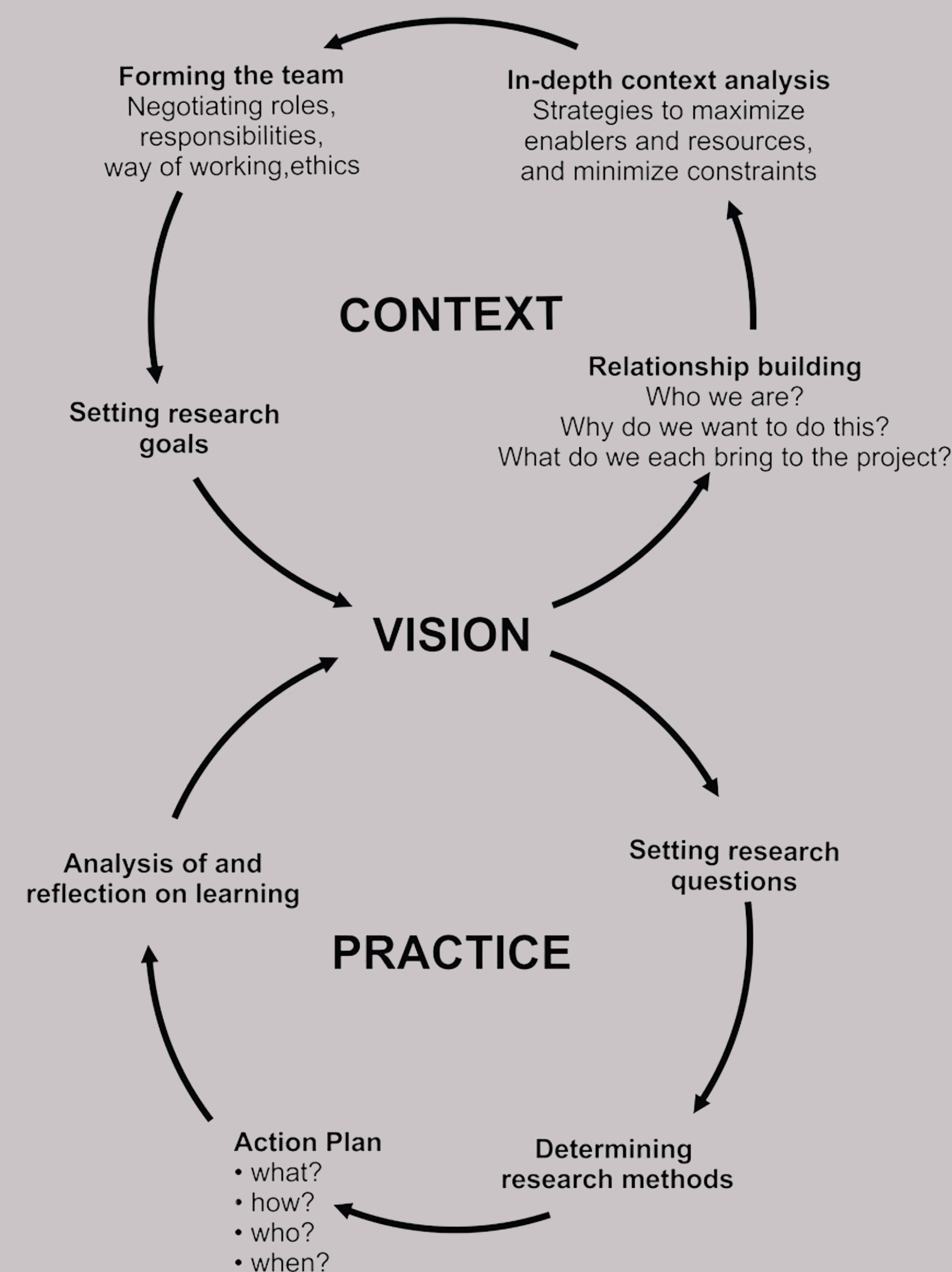


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Palar Process



Adapted from: (Zuber-Skerritt, 2002: 145). Zuber-Skerritt, O. (2002). A model for designing action learning and action research programs. The Learning Organization, 9(4), 143-149.