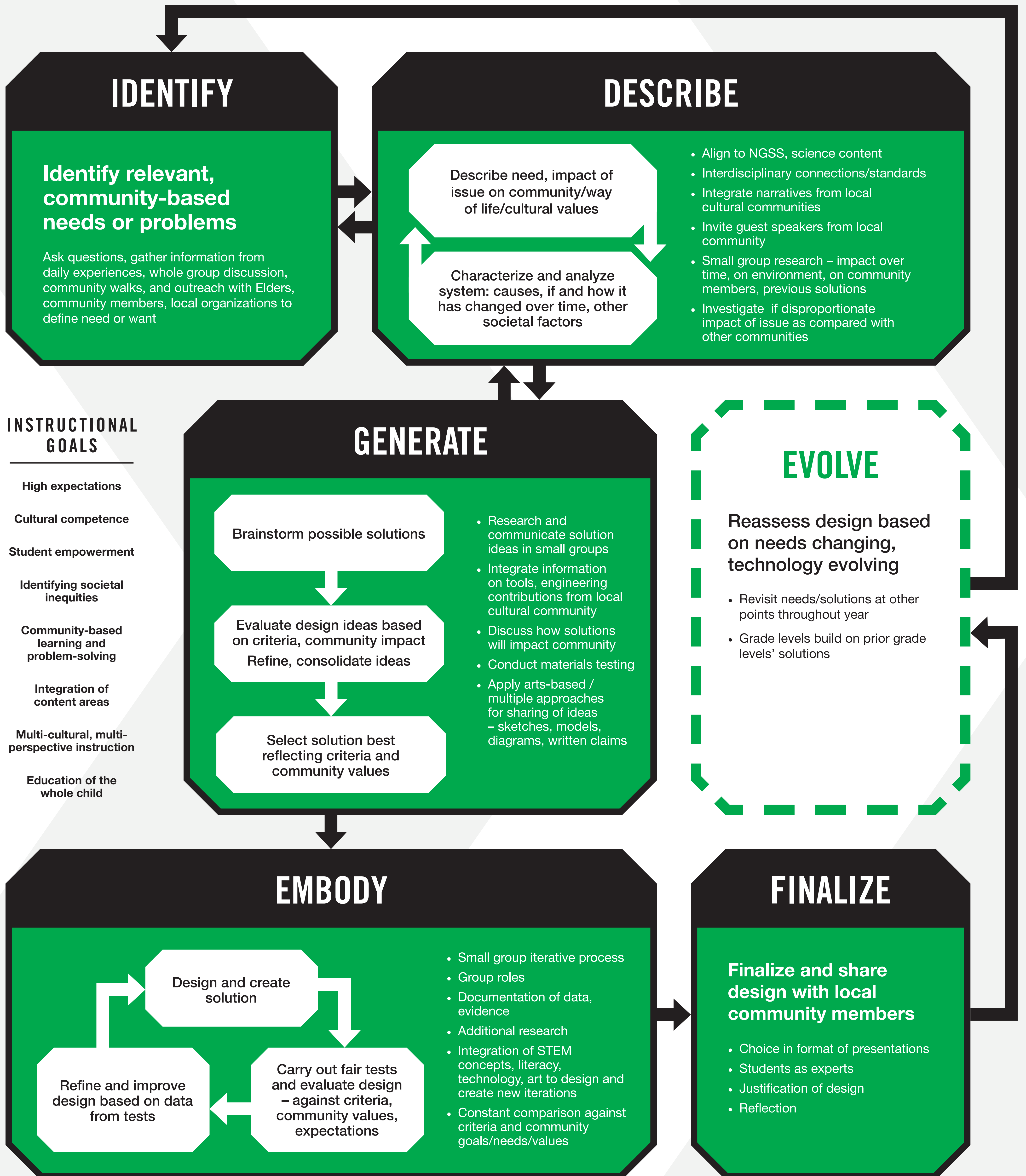


CULTURALLY RELEVANT ENGINEERING DESIGN FRAMEWORK

PROJECT EXCEED



EMBODY

Design and create solution

- Small group iterative process
- Group roles
- Documentation of data, evidence
- Additional research
- Integration of STEM concepts, literacy, technology, art to design and create new iterations
- Constant comparison against criteria and community goals/needs/values

Carry out fair tests and evaluate design – against criteria, community values, expectations

Refine and improve design based on data from tests

FINALIZE

Finalize and share design with local community members

- Choice in format of presentations
- Students as experts
- Justification of design
- Reflection

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