

Action Plan and Timelines

Four-Year Process of Regional Engagement and Transformation in STEM Education.

2015/2016 Phase 0: Envision

- Constitution of ASTEMI as a legal entity ✓
- Launch of ASTEMI ✓
- Election of Office Bearers ✓
- Establish a shared vision for STEMI transformation ✓
- Establish ASTEMI business model as the framework ✓
- Identify funding sources and secure STEMI investment commitments
- Marketing and advocacy strategy

2017 Phase 1: Plan

- Develop STEMI Partnership - Strategic Investment Plan
- Identify key strategies and work plan
- Develop monitoring and evaluation framework including impact indicators
- Identify funding sources and secure STEMI investment commitments
- Identify existing STEMI programmes/activities and participating schools
- Conceptualisation of coaching and mentoring programme
- Annual conference
- Marketing and advocacy strategy

2018 Phase 2: Build

- Engage teachers and volunteers in the schools
- Make infrastructure investments
- Identify funding sources and secure STEMI investment commitments
- Annual conference
- Coaching and mentoring programme
- Marketing and advocacy strategy
- SWOT analysis

2019 Phase 3: Implement

- Showcase effective practices from learning community and assess scalability
- STEMI impact measurement
- Expanding volunteer pool
- Identify funding sources and secure STEMI investment commitments
- Annual conference
- Coaching and mentoring programme
- Marketing and advocacy strategy

2020 Phase 4: Refine

- Use assessment data to revise programmes
- Transition to sustainable programme partnerships
- Report on STEMI Impacts
- Annual conference
- Coaching and mentoring programme
- Marketing and advocacy strategy