Advancing Knowledge Non-Profit Company AK NPC

Preparing STEM Education for 4IR

AK NPC Priority Areas

1. Advancing the Culture of STEM Teaching

- STEM Teacher Workshops
- Interactive Teacher Training Sessions
- SACE-accredited Courses for Educators

2. Advancing the Culture of STEM Learning

- Tutorial programme
- STEM competition
- Women in Mathematics programme
- Aviation programme
- STEM clubs

3. Advancing STEM Infrastructure

- Construction of STEM Teaching & Learning Centres (laboratories)
- 2025: 60 STEM TLCs in Western Cape
  7 STEM TLCs in Eastern Cape
- 2026: 12 under construction in Western Cape

4. STEM Promotion

- Annual National Science Week
- STEMI Roadshows
- STEM Practitioner Training
- Open Lectures in STEM

5. Research in STEM Education:

- Needs Assessment Research
- Professional Development
- Impact Assessment
- Communities of Practice