UNESCO

National Commission Trinidad & Tobago
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SDG EDUCATION TOOLKIT

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01

UNDERSTANDING SDGs

SUSTAINABLE DEVELOPMENT GOALS
1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS

WHY SDGs MATTER FOR TRINIDAD & TOBAGO

OUR CHALLENGES

- Economic diversification beyond oil & gas
- Climate vulnerability (flooding, hurricanes)
- Youth unemployment
- Crime and violence
- Environmental degradation
- Social inequality

WHY SDGs MATTER FOR TRINIDAD & TOBAGO

OUR OPPORTUNITY

- Vision 2030 alignment
- Education as enabler
- Building resilient future
- Regional leadership

TRINIDAD & TOBAGO'S SDG PRIORITIES

HIGH PRIORITY

- SDG 4: Quality Education
- SDG 8: Decent Work & Economic Growth
- SDG 13: Climate Action
- SDG 16: Peace, Justice & Strong Institutions

IMPORTANT

- SDG 3: Good Health & Well-Being
- SDG 5: Gender Equality
- SDG 11: Sustainable Cities
- SDG 14 & 15: Life Below Water & On Land

VISION 2030 & SDG ALIGNMENT

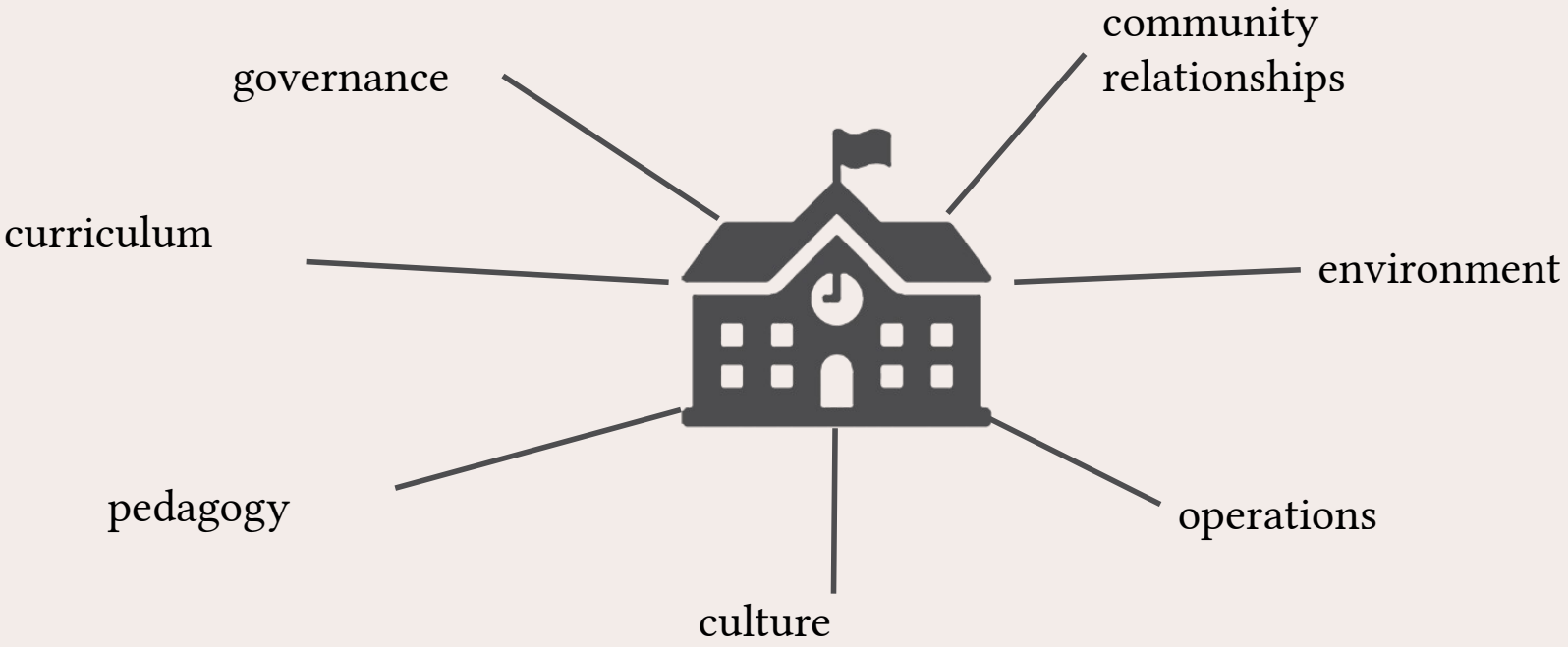
Vision 2030 Five Pillars:

1. People-Centred Development (SDGs 1,2,3,4,5,10)
2. Poverty Eradication (SDGs 1,2,10,11)
3. Economic Prosperity (SDGs 7,8,9,12)
4. Good Governance (SDGs 16,17)
5. Environmental Sustainability (SDGs 6,7,11,12,13,14,15)

02

THE WHOLE SCHOOL APPROACH

WHAT IS THE WHOLE SCHOOL APPROACH?

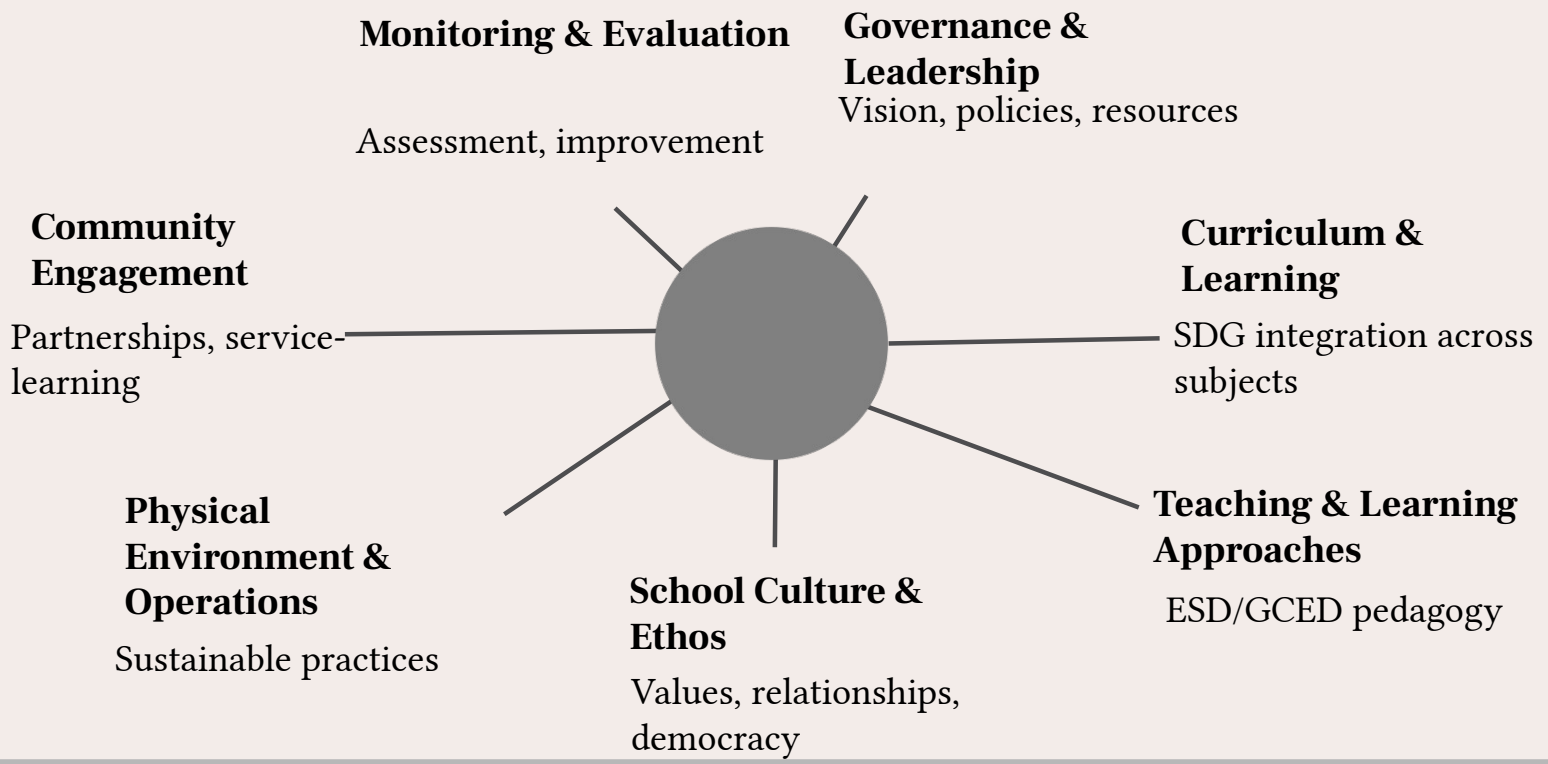


- **The entire school embodies and promotes SDG values**

- **Not just:**
  - A subject or unit
  - An add-on program
  - Extra work for teachers

- **But rather:**
  - How we do everything
  - Integrated across all aspects
  - Sustainable transformation

THE SEVEN DIMENSIONS



GOVERNANCE & LEADERSHIP

Key Actions:

- School vision/mission includes SDGs
- SDG education in school development plan
- Policies aligned with SDG principles
- Student participation in governance
- Resources allocated for SDG initiatives
- Regular reporting on progress

DIMENSION 2 - CURRICULUM & LEARNING

Key Actions:

- SDGs integrated across all subjects
- Interdisciplinary learning opportunities
- Curriculum relevant to local context
- Learning outcomes include SDG competencies
- Assessment measures knowledge, skills, attitudes
- Regular curriculum review

TEACHING & LEARNING APPROACHES

Shift from:
- Teacher lectures → Student inquiry
- Memorization → Critical thinking
- Individual work → Collaboration
- Textbook learning → Real-world projects
- Passive → Active and engaged

Key Methods:
- Project-based learning
- Inquiry-based learning
- Place-based learning
- Service-learning
- Arts integration

SCHOOL CULTURE & ETHOS

Key Actions:

- School values reflect SDG principles
- Inclusive, respectful relationships
- Diversity celebrated
- Democratic participation normalized
- Environmental responsibility embedded
- Students feel empowered to make difference

PHYSICAL ENVIRONMENT & OPERATIONS

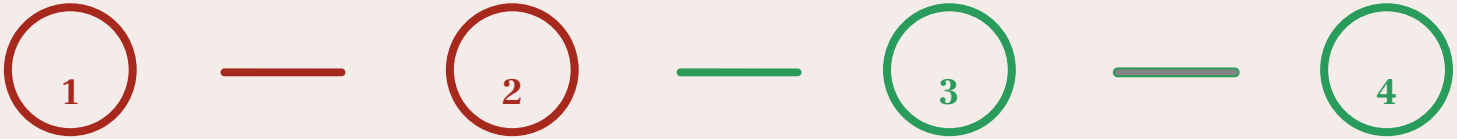
Key Actions:

- Environmental audits & sustainability plans
- Waste reduction, recycling, composting
- Energy & water conservation
- Sustainable procurement
- Green school grounds & gardens
- School operations model sustainability

MONITORING & EVALUATION

Key Actions:
- Regular self-assessment (twice yearly)
- Student learning outcomes measured
- Environmental indicators tracked
- Stakeholder feedback collected
- Progress documented and reported
- Learning informs continuous improvement

IMPLEMENTATION ROADMAP



Months 1-6

Awareness, commitment, planning

Months 6-12

Training, piloting, early implementation

Year 2

Scaling, quality improvement, community engagement

Year 3

Sustainable practice, excellence, mentoring others

SELF ASSESSMENT TOOL

How it works:
- Schools assess each dimension
- Rating: 1 (Beginning) to 4 (Advanced)
- Evidence-based ratings
- Completed twice yearly
- Identifies priorities for improvement
- Tracks progress over time

Score: ___/168
Overall Rating: Beginning | Developing | Established | Advanced

03

CURRICULUM INTEGRATION

CURRICULUM INTEGRATION FRAMEWORK

Five Approaches:

1. **Infusion**- SDG examples in existing lessons
2. **Dedicated Units** - Focused SDG topics
3. **Thematic Integration** - School-wide SDG themes
4. **Project-Based Learning** - Extended SDG investigations
5. **Service-Learning** - Academic + community service

Key Principle: Authentic integration, not forced

SUBJECT INTEGRATION

Language Arts: SDG-themed literature, persuasive writing on issues
Mathematics: Data analysis on poverty, inequality, climate
Science: Ecosystems, climate change, renewable energy
Social Studies: Global citizenship, human rights, development
Arts: Expressing SDG themes through multiple media
Physical Education: Health, wellness, teamwork, outdoor education

Every subject connects to SDGs!

PROJECT-BASED LEARNING TEMPLATE

7-Phase Process:

1. **Launch** - Introduction to issue, hook
2. **Investigation** - Research, data collection
3. **Solution Development** - Brainstorm, design
4. **Action** - Implementation, impact
5. **Presentation** - Share with authentic audience
6. **Reflection** - Learning and improvement
7. **Celebration** - Recognize achievements

Driving Question: How can we [action] to address [SDG challenge]?

04

TEACHING FOR SUSTAINABILITY

EDUCATION FOR SUSTAINABLE DEVELOPMENT (ESD)

What is ESD?
Education that empowers learners with knowledge, skills, values, and attitudes to create a more sustainable future

- ESD is broader than environmental education.
- Addresses environmental, social, and economic dimensions of sustainability.
- Develops competencies learners need to navigate complexity and create positive change.

GLOBAL CITIZENSHIP EDUCATION (GCED)

What is GCED?
Education that nurtures respect for all, building sense of belonging to common humanity

Three Dimensions:
1. **Cognitive** - Knowledge & critical thinking about global issues
2. **Socio-Emotional** - Values, empathy, solidarity
3. **Behavioral** - Acting responsibly at local to global levels

Local action, global perspective

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SCHOOL OPERATIONS & ENVIRONMENT

ENVIRONMENTAL AUDIT

Purpose:
- Understand current environmental impact
- Identify improvement areas
- Set measurable goals
- Track progress over time
- Student-led learning opportunity

Audit Areas:
Energy | Water | Waste | Biodiversity | Transportation | Food

SUSTAINABILITY ACTION PLANNING

SMART Goals:
- Specific: What exactly will we do?
- Measurable: How will we track progress?
- Achievable: Is it realistic?
- Relevant: Does it address priority?
- Time-bound: By when?

Example:
"Reduce waste sent to landfill by 50% within 12 months through comprehensive recycling and composting program"

Plan → Implement → Monitor → Evaluate → Improve

Refuse: Learn to say no to things you don't need.

Rot: Compost your own household waste or take part in a composting program for organic waste.

Reduce: Donate or Sell - Let go of things that are no longer of use.

Recycle: Sort your waste correctly and minimize what you send to landfill.

Reuse: Switch disposable items for reusable and permanent alternatives.

ENERGY & WATER CONSERVATION

Energy:
- Turn off lights and equipment
- LED lighting upgrade
- Natural ventilation
- Solar panel installation
- Energy monitoring

Water:
- Fix leaks promptly
- Low-flow fixtures
- Rainwater harvesting
- Drought-resistant landscaping
- Water monitoring

Savings: Environmental + Financial

GREEN SCHOOL GROUNDS

Elements:
- School gardens (food, learning, biodiversity)
- Trees and native vegetation
- Outdoor classrooms
- Natural play areas
- Wildlife habitats
- Permeable surfaces & rain gardens

Benefits:
Learning | Health | Biodiversity | Climate | Community

SUSTAINABLE PROCUREMENT

Green Purchasing Principles:
1. Reduce consumption overall
2. Choose sustainable products (recycled, renewable, non-toxic)
3. Support ethical businesses (fair labor, local, transparent)
4. Consider lifecycle costs

Product Categories:
Paper | Cleaning | Office Supplies | Electronics | Furniture | Food | Uniforms

Every purchase is a vote!

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COMMUNITY ENGAGEMENT

COMMUNITY CONSULTATION

Why Consult?
- Address issues communities care about
- Tap into community knowledge and resources
- Ensure cultural relevance
- Build ownership and support
- Model democratic participation

Principles:
Early & Ongoing | Inclusive | Transparent | Respectful | Accessible | Actionable

PARENT ENGAGEMENT STRATEGIES

Communication:
- Regular newsletters on SDG learning
- Social media updates
- Student-led sharing at home

Learning Together:
- Parent workshops on SDGs
- Family learning events
- Take-home activities

Involvement:
- Parent-Teacher SDG Committee
- Volunteer opportunities
- Home-school challenges

Engaging in Student Learning:
- Family projects
- Exhibition nights
- Portfolio conferences

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CORPORATE PARTNERSHIPS

THE 5 MILE RADIUS PROJECT

Concept:
Companies adopt schools within 5-mile radius of operations, providing financial and technical support aligned with ESG commitments

Benefits for Companies:
- Fulfill ESG commitments with measurable impact
- Develop workforce pipeline
- Enhance reputation
- Employee engagement

Benefits for Schools:
- Infrastructure improvements
- Program funding
- Mentorship for students
- Access to expertise

PARTNERSHIP TIERS

Tier 1: Foundation Partner ($100,000-$200,000/year)
- Comprehensive school transformation
- 3-5 year commitment
- Governance participation
- Employee programs

Tier 2: Program Partner ($50,000-$99,999/year)
- Specific program support (STEM, arts, sustainability)
- 2-3 year commitment
- Quarterly engagement.

Tier 3: Project Partner ($20,000-$49,999/year)
- Specific SDG projects
- Annual renewable
- Volunteering opportunities

Target: 50 partnerships by 2028 = $15 million

PARTNERSHIP MANAGEMENT

National Commission Role:
- Match companies with schools
- Standard agreements and metrics
- Training for schools on corporate engagement
- Monitor effectiveness
- Showcase successes
- Annual partnership summit

Key Success Factors:
- Clear expectations and agreements
- Regular communication
- Measurable outcomes
- Recognition of contributions
- Mutual benefit

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YOUTH LEADERSHIP

STUDENT SDG COUNCILS

Purpose:
Student voice and leadership in school SDG initiatives

Functions:
- Plan and implement SDG projects
- Lead awareness campaigns
- Monitor school sustainability
- Represent student perspectives
- Connect with other schools
- Participate in national events

Democracy in Action

SDG CHAMPIONS PROGRAM

Program:
Training and certification program for youth SDG leaders

Components:
- 40-hour training (knowledge, skills, leadership)
- Action project requirement
- Peer education component
- Ongoing support network
- Formal certification

Target: 2,000 certified Champions by 2028

Outcomes:
- Youth equipped to lead change
- Multiplier effect (champions train others)
- Alumni network

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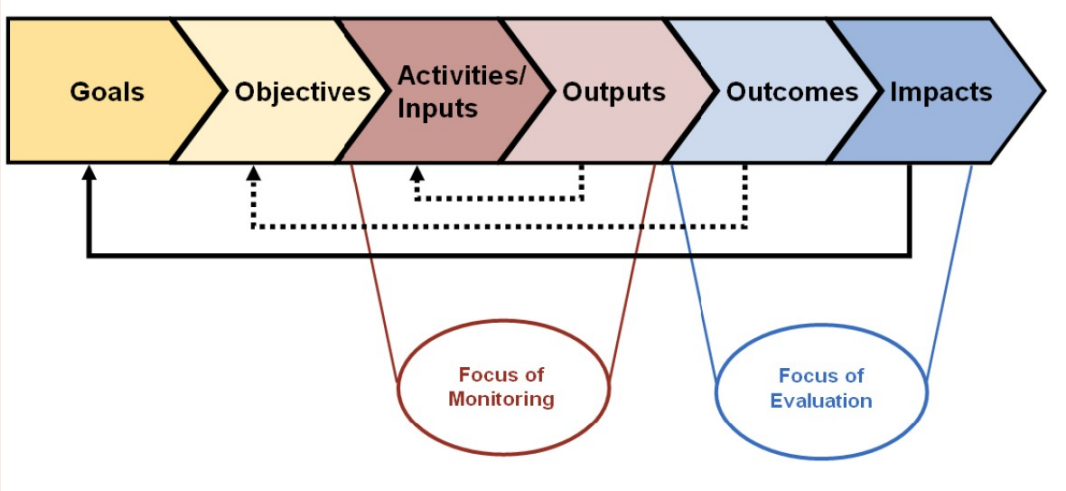
MONITORING & EVALUATION

M&E FRAMEWORK

Purpose:
- Track progress toward objectives
- Assess effectiveness
- Document lessons learned
- Ensure accountability
- Enable continuous improvement

Evaluation Schedule:
- Baseline (Q1 2026)
- Quarterly progress reviews
- Annual evaluations
- Mid-term evaluation (Q3 2027)
- Final impact assessment (Q3 2028)



KEY PERFORMANCE INDICATORS (KPIs)

Education Integration:
- ASPnet schools operational (Target: 200)
- Teachers trained (Target: 6,000)
- SDG curriculum integration (Target: 100%)

Awareness & Engagement:
- National awareness (Target: 80%)
- Media reach and sentiment
- Event participation

Partnerships:
- Corporate partnerships (Target: 50)
- Investment mobilized (Target: $15M)
- Community partnerships (Target: 300)

Youth Leadership:
- SDG Champions (Target: 2,000)
- Social enterprises (Target: 50)

THANK YOU