

ANNUAL REPORT

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INTRODUCTION

GLOBE Partner Trinidad & Tobago (GPTT) met with the Ministry of Education' (MOE) Senior Management in January 2018 to chart a relationship in which GPTT will be the provider of training for schools ready to start or resuscitate the GLOBE Program (GP). The MOE identified its CEO as the Ministry's contact person and requested the Curriculum Division (CD) to work with GPTT to develop a Plan of Action which involved the CD officers visiting schools and providing information for action by GPTT. Teachers' unwillingness to commit time, especially outside their teaching requirement, to GLOBE participation, stymied this process. Only four schools demonstrated interest and completed the initial training. Students were asked to access the GLOBE E-Training prior to the on-site training. Thirteen students successfully completed such training from St. Joseph's Convent (St. Joseph).

GPTT intends to make E-training a necessary prerequisite for all on-site GLOBE Training and continued its GLOBE Community Outreach by having a GLOBE presence in Arima, for World Environment Day 2018. GPTT was also present at a RC Youth Rally at the Centre of Excellence, Tunapuna, in May 2018. Additionally GPTT Vice President was invited to address several PTA Meetings in T&T to explain how the GP can embellish Curriculum Delivery. GLOBE training in Tobago has been supported through the interest of School Management and some dedicated teachers collaborating with the several Tobago Environment Stakeholders who have provided funding for GPTT to conduct training in the sister isle.

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EDUCATION

GPTT has been advocating to the Trinidad and Tobago Teaching Community, the importance of integrating the hands-on skills of the GP with Science Technology Engineering and Mathematics (STEM) in all areas of the school curriculum. This approach is being demonstrated by GPTT trainers in GLOBE Training Workshops. Both teachers and students have benefitted from the science inquiry used in Protocol training. These teaching skills are being introduced to Early Childhood Education Centres .

GPTT has been following the development of PILLA (Progressive Incremental Linear Learning Accumulated) Maths, developed by Adolphus Daniel of Trinidad and Tobago, which had a pre-release on Face book on Thursday 16 August 2018. This is a unique and modern way of learning Maths which GPTT recommends to schools worldwide to positively impact the teaching of Maths, which has been a universal nightmare to most students and teachers. The sequential steps starting from the basics to the most complex mathematical ideas will make PILLA a major Maths Curriculum Delivery changer.

PILLA will provide teachers with more time for dealing with the integration of the GLOBE Program hands-on activities in the school curriculum. This will serve to embellish the delivery of subject content in a STEM and student friendly way.

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SCIENCE

The GPTT hands-on activities in GLOBE Training start with safety requirements in conducting tasks in the classroom or laboratory. GPTT stresses the need in science for calibrating, tabulation and presentation of data, accuracy in measurement of length, volume, temperature, mass and the proper use of analogue and digital meters. Participants are required to use and master different types of scales and equipment.

The role of estimation and common errors in scientific measurement are detailed in training (experimenter, equipment and environment) and what makes science exciting! The Science Inquiry Process is explored and the importance of STEM in GLOBE is explained.

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TECHNOLOGY

GLOBE uses State-of the-Art Technology and equipment in the collection of environment data. GPTT recommends that schools invest in any reliable Wireless Weather Sensor with GPS PS – 3209 (PASCO) as this equipment measures several Atmosphere Environment parameters and has multi-function applications with the software used. GPTT has been encouraging Schools Management to consider upgrading their teaching instructions to be more consistent with the digital age in which learning is taking place.

At the same time, GPTT is cognizant of the many serious health concerns of 4G and 5G communication systems which modern research is unearthing. It is in this context that GPTT will be partnering with the University of the West Indies and other interested Regional Universities and Mobile Communication Providers, to plan an International Symposium in T&T, for August 2019. This symposium will address and discuss how this Mobile Technology can be harnessed in the interest of civilization.

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COMMUNITY

GPTT is in the forefront in local Community Environment Outreach in T&T and is in the process of creating a network with local and international organizations to collaborate in education, environment stewardship and social issues. In this regard, GPTT is presently spear-heading a Community Outreach Initiative aimed at transforming the town of Arima to be:

1. the first bilingual (Spanish will be the second language) town in the Republic of Trinidad and Tobago
2. committed to making it safe, clean, serene and pristine
3. the foremost local community in which all its services are operating at a premium level
4. collaborating with all stakeholders to achieve these social and moral outcomes.

GPTT is seeking the support of LAC in achieving these community objectives and will be collaborating with governmental agencies to promote the following GLOBE interactions:

- Outreach to the Incarcerated
- GLOBE Zika Education and Prevention
- GLOBE and the Elderly to help bridge the gap between youth and the aged
- Environment Camp and GPTT's support in Vacation Camps
- Resuscitating of the Junior Environmentalists of Trinidad and Tobago (JETT)
- Establishing a T&T GLOBE Alumni by September 2018
- GLOBE Mall Displays operated by GLOBE Students and Alumni

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COMMUNICATION

GPTT will be upgrading the country's GLOBE Site during the period September 2018 – August 2019. There will be greater collaboration with local and international schools to promote the GLOBE Agenda. GPTT will be partnering with Government Ministries and Environment NGOs to present a unified approach to Environmental Stewardship. Tobago schools will be given special support by GPTT starting in September 2018 and a T&T GLOBE hot line will be created to respond to the expected growing GLOBE interest and support from the National PTA. GPTT will be meeting with the NPTA Executive in September 2018 to develop a symbiotic relationship, as with declining financial support from State businesses, the NPTA will be avenue through which GLOBE school equipment will be procured.

A Bi-Monthly GLOBE Digital News Outlook will be developed and a semi-annual GLOBE T&T Magazine highlighting the work being done by GLOBE schools will be commissioned. The reduction in the use of plastics has been mounted by GPTT and other Environment Stakeholders.

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STAFF

GPTT intends to set up a Secretariat for its operation during the period September 2018 to August 2019. As such, it will be discussing with the MOE ways in which the implementation of the GP in the school system can be effectively managed. The services of members of GPTT are pro bono! GPTT will be approaching the MOE to provide a clerical staff to support this initiative.

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APPENDIX

1. Achievements of Brazil Secondary School
 2. GPTT GLOBE Zika Education and Prevention; proposal
 3. GPTT coordinating of the Arima Re-branding Team Initiative
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