



YOUTH FARMING AND LEADERSHIP PROGRAMME
for Barbados Youth ADVANCE Corps
September to December 2020

YOUTH FARMING AND LEADERSHIP PROGRAMME

We are dreamers

We are learners

We are leaders

We think Globally

We think Critically

We think Locally



A MORE IN DEPTH 3 MONTH PROGRAMME

- We continued our partnership with the Barbados Youth Advance Corps with 21 of the original 22 students participating in a 3 month extended project that started in September; we engage them 5 days a week from 9am to 3pm.
- With entrepreneurship a key part of our project, we invited the Barbados Youth Business Trust to conduct their Explore Enterprise sessions with our students.
- We are reinforcing what they learned in our May to June pilot project and focusing on developing their business ideas.

YOUTH FARMING AND LEADERSHIP TOPICS

- Sustainability
- Permaculture design for small spaces
- Tree grafting
- Solar energy
- Natural building
- Culinary arts
- Jewellery making
- Entrepreneurship
- Youth development and leadership



STEAM CURRICULUM

Delivered on agricultural platform

Science – Through sustainable farming methods

Technology – On the farm and in the kitchen

Engineering – Natural building

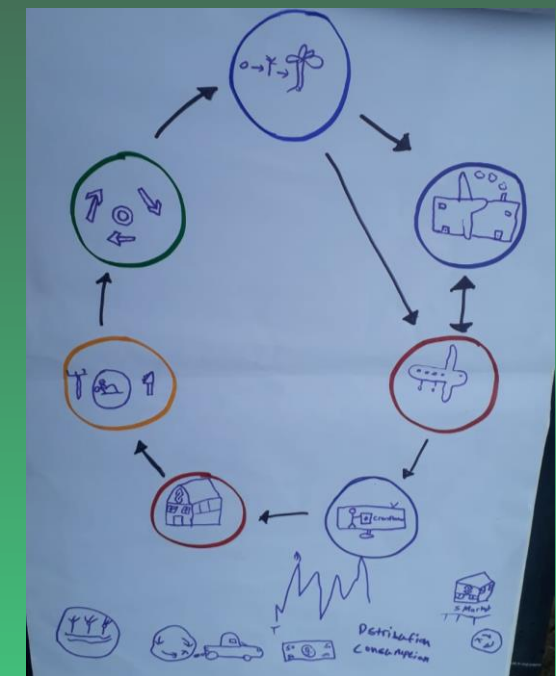
Arts – Culinary arts, creative expression

Mathematics – Entrepreneurship, bookkeeping

Plus youth development and leadership

STUDENT CENTRED PROGRAMMING

- The students' opinions matter and we address their interests and concerns
- We allow them to lead and encourage active participation from all the students
- We are solution oriented
- We promote good communication skills
- Teamwork is an important component of many of our activities



STUDENT CREATED COMMUNITY RULES



RESPECT

1. Speak to each other in a mannerly way
2. We should generally show respect for everyone
3. Do not use abusive language
4. No name calling
5. Address people by their formal names

PARTICIPATION

1. Arrive on time and dress appropriately
2. Talk when appropriate and ask questions
3. Boost and encourage team members, especially those who need help
4. Teamwork makes the dream work

BEHAVIOUR

1. Always use positive language and do not insult each other
2. Do not be loud and disruptive
3. One person should be talking at a time
4. Avoid conflict and arguments among each other

SAFETY

1. Wear your mask and maintain physical distance
2. Stay clear of others using tools
3. To avoid injury when using tools, do not play around
4. Hand over tools carefully; do not throw them at each other

SUSTAINABILITY

- We practise sustainable development in what we are doing so that the students learn experientially:
 - Working with nature
 - Applying permaculture methodologies
 - Planting without harmful pesticides
 - Using water catchment
 - Natural building – building with wood and bamboo and replanting
 - Recycling and repurposing
- Culinary arts
 - Using local ingredients
 - Growing what we eat

SUSTAINABILITY

Some of the sustainability features on
Kamp Deed and Mudhouse Productions

Eco-friendly
compost toilet



We also have spring water, outdoor
bamboo showers and solar power



Building with pallet wood

Mud oven
uses no gas
or electricity



Solar oven



USING TECHNOLOGY

- Technology on Kamp Deed

- Tiller
- Mulcher
- Chain saw



- Technology in culinary arts – old versus new

- Cake mixer
- Food processor
- Air fryer



USING TECHNOLOGY

- Continuing partnership with ALL GREENS smart farm operation and Instant Kitchen Garden



- Students learn video production techniques
 - Planning is key (lighting, sound, background, etc)
 - Looking at pre-production, production and post-production



ON THE FARM

On Kamp Deed



At J&P Farms



ON THE FARM

- Clearing spaces to prepare for planting
- Digging holes and planting trees
- Watering seedlings and potted plants
- Reaping okras
- Using the mulcher to make compost
- Building with pallet wood
- Caring for animals
- Collecting eggs
- And much more



ON THE FARM



CULINARY ARTS

- Good kitchen and food hygiene
- Local foods and “new foods”
- Encouraging farm to table
- Baking with healthy flours – cassava, breadfruit and sweet potato
 - Breadfruit crusted pizza
 - Bajan sweet bread, chocolate cake
- Making salsa, pickles and chutney
- Cooking healthy meals
- Packaging and labelling



CULINARY ARTS



STUDENT FEEDBACK AND WHAT NEXT?

- High attendance levels
- Great participation – both on the farm and in the kitchen
- Good responses on assignments
- Further development of STEAM curriculum to include more activities under each of the modules
- More youth empowerment activities, including community service
- Opportunities for youth internships
- Setting up a youth agricultural cooperative