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Introduction

Educators, students, and visionary community leaders are embracing the robotics training and equipping opportunities. These opportunities include (but are not limited to) the I-SET Robotics Live Online Learning, the I-SET Robotics Massive Open Online Courses (MOOCs) and I-SET Robotics Short Learning Programmes. To extend these training opportunities, FIRST SA is presenting several grant opportunities.

However, we are all very aware of the budgetary constraints of visionary schools, who wish to start robotics at their school or community centre to develop robotics teams of learners. These opportunities provide an opportunity to loan robotics equipment to trained educators or leaders, and to ensure that a greater number of learners are afforded the opportunity to build and program robots.

Thus, the purpose of this document is to create awareness of the grant opportunities offered by FIRST SA for the SA Robotics community. These grants have been sponsored by LEGO Foundation and FIRST. This document presents the plans and opportunities to start and develop robotics at schools in South Africa for learners Grade R to Grade 12.

Grades	Minimum Robotics Kit Required	Competitions
R	Steam Part Set (one for max 8 learners)	FIRST LEGO League Discover
1 to 3	WeDo Core set (one for max 6 learners) Tablet with WeDo 2.0 Software installed	FIRST LEGO League Explore
4 to 10	EV3 EDUCATION Core or Spike Prime Core (one for max 10 learners) Laptop with EV3 Software installed	FIRST LEGO League Challenge
8 - 12	(details in a separate document)	FIRST Tech Challenge

How to start robotics at your school

To start robotics at a school, a dedicated team of educators is required to champion robotics at the school (who will also participate in the I-SET Robotics training and equipping events), a 3 YEAR school plan for the development of robotics at the school, an envisioned school robotics budget (and the identification of funding raising initiatives), and a focus:

- Learning focus. Robotics can either be presented as part of the curriculum (during school hours) or as an extra-mural activity after school.
- Grade focus. There are three separate age appropriate robotics programmes. In an ideal world, a learner would have an opportunity to participate in all three programmes.

The events to start robotics at a school include:

- **Identify the educators** and commence with the robotics training.
- **Identify the learners** (classes) who may be included in the school robotics team (if a single team) or the class (if a class pack is implemented).
- **Logistics** are specified including the class times, venue (class) and time (at least 90 minutes per week). A schedule of the teaching can be set up, guided by the educator training materials. If a class pack is implemented, the session team meeting guide for the educator

and engineering notebook for the team is provided. Explore and Discover require 10 sessions, while the Challenge requires 12 sessions.

- **Arrival of equipment.** If purchased, then items need to be ordered and delivered. If the equipment is on-loan as part of a grant, then the equipment will be delivered by end of January 2021.
- **Commencement, progress, and completion of sessions Group 1.**
- **Commencement, progress, and completion of sessions Group 2.**
- **Review** of the progress reports for 2021 and plan for 2022.

Robotics Competitions in South Africa

There are several robotics competitions in South Africa. Each competition has a unique format and requirements. It is important that each learner is given the opportunity to participate in a competition. The current collection of competitions per Grade include:

GRADES	0	1	2	3	4	5	6	7	8	9	10	11	12
Class Pack Celebrations at School/Centre													
FIRST Lego League Challenge					█	█	█	█	█	█	█	█	█
FIRST Lego League Explore		█	█	█									
FIRST Lego League Discover	█	█											
Regional/National/International Competitions													
Virtual GEAR					█	█	█	█	█	█	█		
FIRST Lego League Challenge					█	█	█	█	█	█	█	█	█
FIRST Lego League Explore		█	█	█									
FIRST Tech Challenge									█	█	█	█	█
WRO (Regular/Open)					█	█	█	█	█	█	█	█	█
WRO Soccer								█	█	█	█	█	█
Regionals													
Robothon At Science Faire					█	█	█	█	█	█			
Techno Youth Programme Robotics					█	█	█	█	█	█	█	█	█
Conquesta Robotics Quiz							█	█	█	█			

For **FIRST LEGO League**, there are two options:


- The single team option (usually robotics is an extra-mural activity at the school/centre). The school/centre only has a single team, the team will compete in an annual regional and national FIRST LEGO League robotics competition.
- The class pack option (robotics is an in-class activity at school/centre). The class is divided into teams, these teams compete in a celebration event at the school/centre.

Note that the focus of this document is the *FIRST* LEGO League Robotics Competition, as the grants offered by this competition are detailed. However, all robotics competitions in SA are part of the ASTEMI Science Olympiads and Competitions and are detailed in the ASTEMI Brochure on the ASTEMI website. <https://www.astemi.co.za/wp-content/uploads/2019/04/ASTEMI-Brochure.pdf>

Glossary

EN	Engineering Notebook. Each learner receives a book to complete as part of the 12-session programme. The sessions are detailed.
FLL	<i>FIRST</i> LEGO League Robotics competition consists of the three focus competitions, namely Discover, Explore and Challenge.
I-SET	Inspired towards Science, Engineering and Technology is a Community Engagement flagship project of the College of Science, Engineering and Technology (CSET) at UNISA
MOOC	Massive Open Online Course. The I-SET Robotics Programme presents robotics training on the UNISA MOOC portal. There are current 4 I-SET Robotics MOOCs (M1-M4) and 4 I-SET Electronics MOOCs (M5-M8) are planned for 2021.
SLP	Short Learning Programme. I-SET Robotics presents currently 2 SLPs, with 2 new SLPs launching in 2021. See I-SET Robotics Educator Support.
TMG	Team Meeting Guide. Each educator as team coach/mentor receives a book to use as a guide through the 12-session programme.

I-SET Robotics

<p>I-SET Community Equipping and supporting coaches and mentors to develop, train and challenge robotics teams of learners to inspire Science, Engineering and Technology. Recommended: coach plus mentor per team of ten learners</p>	<p>I-SET Robotics 2020/2021 Inspired towards Science, Engineering and Technology (I-SET) is a Community Engagement Flagship Project of the College of Science, Engineering and Technology (CSET) of UNISA</p>	<p>UNISA I-SET Robotics Short Learning Program for coaches / mentors Online 15 weeks starts January and June To register, apply online: www.unisa.ac.za/applyslpl</p> <ul style="list-style-type: none"> • CSROB1E: Components & Pedagogy. • CSROB2E: Problem Solving, Data and Debugging.
<p>ROBOTIC EQUIPMENT EV3 Mindstorms Education CORE SET and EXPANSION SET, Adapter Charger HandsOnTechnologies http://www.handsontech.co.za</p>	<p>CONTACT I-SET on Social Media</p> <p>FB: https://www.facebook.com/isetlego Twitter: @ISETLEGO YouTube: http://www.youtube.com/isetcommunity</p> <p>I-SET co-ordinator Dr Patricia Gouws gouwspm@unisa.ac.za</p>	<p>I-SET Robotics MOOC Create an account, register and start. M1, M2, M3 and M4 Free. I-SET Electronics MOOC (2021) moo.unisa.ac.za/portal</p>
<p>LAPTOP/DESKTOP (to run the EV3 software) EV3 FREE Download</p>		<p>VENUE school, community hall, science centre</p>
<p>Free Downloads Lego Digital Designer (LDD) Virtual Robotics Toolkit (VRT)</p> <p>Tutorials EV3 Lessons Builder Dude 35</p>		<p>TIME 1.5 - 2 hour session** am / pm Robotics Sessions (minutes) Teamwork (15) Lesson (15) Activity (60) Presentation (15) Pack Up (15)</p>
<p>I-SET Robotics Live Online Learning Sessions Monthly schedule and invite available. Registration required. Recordings available.</p>		<p>LEARNERS per TEAM Challenge Team (max 10 learners), Explore (6 learners) and Discover (4 learners)</p>
<p>FUND RAISING PLAN http://www.firstlegoleague.org/challenge/teamresources#Preparation</p>		<p>ROBOTICS COMPETITIONS FIRST LEGO LEAGUE WORLD ROBOTICS OLYMPIAD VIRTUAL GEAR Robothon, Conquesta</p>

I-SET Robotics Engagement

The community engagement opportunities include the following:

- I-SET Robotics Live Online Learning Sessions that are hosted on MS teams.
- I-SET Robotics MOOC training available on the UNISA MOOC portal.
- I-SET Robotics Short Learning Programmes for Certification.
- Robotics coach and mentor support group is available on WhatsApp.

I-SET Robotics Live Online Learning (Educators Grade 0-12)

- (1 hour/week discussion) Schedule published for each month. Invite contains link for registration. MS Teams meeting link will be mailed.
- Sessions include but are not limited to MOOC Discussions, *FIRST* LEGO League Robotics Challenge, *FIRST* LEGO League Robotics Explore, *FIRST* LEGO League Robotics Discover, Chemistry, Physics, Student Developer Group.

I-SET Robotics MOOCs (M1, M2, M3, M4) (Educators Grade 4-12)

The following presents a summary of the I-SET Robotics MOOCs. Each MOOC has 4 units, and assessment criteria. The units are also presented as part of and in conjunction with the I-SET Robotics Live Online Learning Sessions. A monthly schedule is available. The MOOCs restart annually and remain open until November. The MOOCs are free and focus on the practical implementation of Robotics. The MOOCs are available under joinable sites on: <https://mooc.unisa.ac.za/portal>

I-SET Robotics MOOC M1 (February – November)	
Unit 1	Introduction, Inventory and Building: Building Basics: Course Organization and Expectations, LEGO robotics EV3 kits, Inventory and Vocabulary, Robotics Mentoring, Building and Creating
Unit 2	Motors and Programming: Programming Basics: Software overview, programming action blocks, software /hardware limitations, mentor training
Unit 3	Problem Solving and Navigation: Application Basics. Algebra and geometry applications to robot motion; problem solving methodology,
Unit 4	Passive Attachments: Design of passive attachments to push, pull, drop, hook, items; application of engineering design process for attachment design: problem statement, brainstorming, select solution; create; evaluate, improve, present results

I-SET Robotics MOOC M2 (March – November)	
Unit 1	Sensors and Flow Control (repetition and decision structures and programming): The interaction with the environment through sensors; programming interrupt routines; open-loop and feedback loop control structures.
Unit 2	Sensors and Flow Control (parallel, multiple inputs) Parallel processing, sensor blocks, react to multiple sensor input, advanced control structures.
Unit 3	Gearing and Powered Attachments The design of motorized attachments to lift, transport and drop items of difference sizes, and the programming required to ensure that the powered attachments function.

Unit 4	Application of Sensor Input, Flow Control and Powered Attachments The design of functional and sensor attachments to solve a robotic challenge, within the constraints of time and procedures.
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I-SET Robotics MOOC M3 (April – November)	
Unit 1	The Preparation of a Game Strategy Introduction of competition rules, design of game field and game elements, team preparation for competition
Unit 2	The Identification of the Challenges, Tasks, Risks, and Constraints: Explanation of challenge tasks, engineering design process, teamwork, time and project management, team mentoring.
Unit 3	The Testing, Debugging and Running (seconds vs scores): How to prepare for trial run, team expectations, progress log and goals.
Unit 4	The Technical Presentation, Engineering Notebook and Matches: Documentation, team spirit, professional communication.

I-SET Robotics MOOC M4 (May – November)	
Unit 1	Data Logging: Creating an experiment in software environment and analysing data.
Unit 2	Data: wires, variables, constants, and files The advanced programming concepts, the usage of sensor inputs and loop control variables to set programming block inputs.
Unit 3	Advanced Programming and Algorithms: myBlocks, mathematics, parameters, coding for re-use, algorithmic definition, visualization, control structures and truth tables.
Unit 4	Advanced Attachments: The design of passive attachments: pneumatics and triggers. The design of powered attachments: geared and chassis attachments.

I-SET Electronics MOOCs (available in 2021) (Educators Grade 4-12)

There will be 4 MOOCs available. The I-SET Electronics MOOC will pilot in November 2020.

I-SET Robotics Short Learning Programmes (Educators Grade 4-12)

I-SET Robotics also presents Short Learning Programmes (SLPs). Registrations open in December for semester 1 (starts January) and June for Semester 2 (starts July). SLPs include a registration cost, assignments, and an examination. The registration form is online. There are currently 4 SLPs available:

- PRACTICAL: I-SET Robotics: Components and Pedagogy (CSROB1E)
- PRACTICAL: I-SET Robotics: Problem Solving, Data and Debugging (CSROB2E) (Assumes CSROB1E completion)
- THEORY: I-SET Robotics: Robotics Fundamentals (theoretical with examples) (Starts January 2021)
- THEORY: I-SET Robotics: Robotics in the Future (applications) (Starts July 2021)

2021 I-SET PLANNING TIMELINES

Below is an initial plan for the roll-out of Class Pack Grants. Learners participate in the Class Pack implementation. Educators participate in the support and equipping opportunities.

- For the Challenge Class Pack: Group 1 5 teams, Group 2 5 teams. TOTAL 10 teams.
- For the Explore Class Pack: Group 1 7 teams. Group 2 7 teams. TOTAL 14 teams.
- For the Discover Class Pack: Group 1 10 teams Group 2 10 teams. TOTAL 20 teams.

2021	I-SET Robotics MOOC (M1, M2, M3, M4)				I-SET Electronics MOOC (M5, M6, M7, M8)				SLP S1 & S2	I-SET Live Online Learning discussions					Class Pack 12 sessions
	M1	M2	M3	M4	M5	M6	M7	M8		(M1, M2, M3, M4)	(M5, M6, M7, M8)	Challenge	Explore	Discover	
January															
February										M1	M5				
March										M1 & M2	M5 & M6				
April										M3	M7				
May										M4	M8				
June															
July															
August										M1	M5				
September										M1 & M2	M5 & M6				
October										M3	M7				
November										M4	M8				
December															

FIRST SA Grants (2021)

PLEASE READ ALL THE DETAILS BEFORE COMPLETING Application Form

- Application form submitted by 31 October 2020. <https://rb.gy/qjpyku>
- Applications will close 30 November 2020.
- Allocations will be finalised 20 December 2020.
- All successful applicants will be notified.

Introduction

The *FIRST* LEGO League Class Pack grants provide for an opportunity for a class to participate in a robotics competition at their school annually. It is recommended that a class have at least two trained educators (ideally, each team in the class should have a coach).

- *FIRST* LEGO League Discover Class Pack. The class of 40 learners are divided into 10 teams of 4 learners. The teams follow the 10-session programme as per the team meeting guide. Each learner is given an engineering notebook and a box of six-bricks to take home. Each team uses a Discover Box. Two teams share a Steam Park. At the end of the 10-session programme, the 10 teams participate in a Celebration Event organized by the school, so that the learners can proudly present their project to parents and peers. The grant requires that the programme be presented to two classes in succession. The Steam Park and Discover boxes are re-used.
- *FIRST* LEGO League Explore Class Pack. The class of 30 learners are divided into 7 teams of 4 - 6 learners. The teams follow the 12-session programme as per the team meeting guide. Each learner is given an engineering notebook. Each team uses an Explore Box, a WeDo kit and a tablet with the WeDo software installed. At the end of the 12-session programme, the 7 teams participate in a Celebration Event organized by the school, so that the learners can proudly present their project to parents and peers. The grant requires that the programme be presented to two classes in succession. The Explore Box, the WeDo kit and the tablet are re-used.
- *FIRST* LEGO League Challenge Class Pack. The class of 30 learners are divided into 5 teams of 6 learners. The teams follow the 12-session programme as per the team meeting guide. Each learner is given an engineering notebook. Each team uses an EV3 Robotics Core Kit and a laptop with the EV3 software installed. The 5 teams share 2 challenge sets on the 2 robotics tables. At the end of the 12-session programme, the 5 teams participate in a Celebration Event organized by the school, so that the learners can proudly present their project to parents, peers and judges. The grant requires that the programme be presented to two classes in succession. The challenge set, the tables, the EV3 Core Set and the laptops are re-used.

The awarding of the grants will be leaning towards:

- The schools where no robotics exists, or little or no experience in robotics, BUT have a plan to implement robotics.

- The coaches/Mentors already completed MOOC M1 and M2, and ideally already participating in the I-SET coach mentor community
- The districts of all provinces of South Africa need to be considered.
- The grant allocations are only for the year 2021. These allocations are reviewed annually, and thus may be allocated to another visionary school.

Terms and Conditions

- Grants are allocated to schools (the SGB signs as legally responsible), centres (the directors sign as legally responsible) or NGOs (the directors sign as legally responsible).
- All equipment remains the property of FIRST SA and must be returned complete and in the same condition as received.
- The team coach is responsible for the safe keep and insurance of all signed for equipment. Lost, damaged, or stolen items will need to be replaced.
- The coach is responsible for the registration of the team(s) on the firstsa.org website.
- The coach is responsible for the weekly progress reports emailed to programme coordinator.
- The coach is required to complete I-SET Robotics M1 training prior to start of the grant.
- Each class pack grant must be implemented at least twice.

Implementation Requirements

- All equipment will be couriered/delivered to address supplied.
- After TWO implementations, the grant has been completed and all targets are met. If the equipment is no longer required, all equipment must be returned to FIRST SA. On presentation of the robotics implementation plan, a re-allocation may be negotiated.
- The session programme (as presented in the team meeting guide) must be adhered to.
- Communication between applicant grant holder and FIRST SA must be regular.

FAQ

The FIRST SA website will maintain an updated list of all FAQ pertaining to the competitions, the events, and the grants.

GRANT: Challenge Single Team (up to 10 learners, regional participation)

<i>FIRST</i> LEGO League Robotics CHALLENGE TEAMS	
Pre-requirements	Name of coaches Proof of coach completion of M1/M2 or SLP Plan for robotics at school Coach participation in I-SET Robotics Live Online Learning Robotics coach and mentor support group is available on WhatsApp
Grant includes equipment on loan from FIRST SA	1 Spike Prime Set 1 <i>FIRST</i> LEGO League Robotics challenge set 1 <i>FIRST</i> LEGO League Robotics table
Grant covers costs	1 team registration (includes TMG and EN)
Progress requirements	Weekly Progress reports as per 12-session programme emailed to challenge@firstsa.org by Friday cob Registration of team at competition.
Close out requirements	Participation at regional competition If you choose to continue, then a next plan is required. If you choose not to continue, then all on loan equipment must be returned to FIRST SA (at own expense).

GRANT: Explore Single Teams (4-6 learners, regional participation)

<i>FIRST</i> LEGO League Robotics EXPLORE TEAMS	
Pre-requirements	<ul style="list-style-type: none"> Name of coaches. Plan for robotics at school. Coach participation in I-SET Robotics Live Online Learning. Robotics coach and mentor support group is available on WhatsApp
Grant includes equipment on loan from FIRST SA	1 WeDo Set 1 explore/Inspire set
Grant covers costs	1 team registration (includes TMG and EN)
Progress requirements	Weekly Progress reports as per 12-session programme emailed to explore@firstsa.org by Friday cob Registration of team at competition.
Close out requirements	Participation at regional competition If you choose to continue, then a next plan is required. If you choose not to continue, then all on loan equipment must be returned to FIRST SA (at own expense).

GRANT: Challenge Class Pack (30 learners, 5 teams, school event, 2 classes)

<i>FIRST</i> LEGO League Robotics CHALLENGE TEAMS	
Pre-requirements	<ul style="list-style-type: none"> Name of coaches. Proof of coach completion of M1/M2 or SLP. Plan for robotics at school. Coach participation in I-SET Robotics Live Online Learning. Robotics coach and mentor support group is available on WhatsApp.
Grant includes equipment on loan from FIRST SA	5 EV3 Core Set or 5 Spike Prime Set 2 <i>FIRST</i> LEGO League Robotics challenge set 2 <i>FIRST</i> LEGO League Robotics table 5 laptops with EV3 software installed.
Grant covers costs	2 Class Pack registration (includes TMG and EN) 2 Class Pack Celebration Medals for all learners participating.
Progress requirements	Weekly Progress reports as per 12-session programme emailed to challenge@firstsa.org by Friday cob Celebration event invitation for FIRST SA (or representative).
Close out requirements	Participation at celebration event (all documentation to be submitted). If you choose to continue, then a next plan is required. If you choose not to continue, then all on loan equipment must be returned to FIRST SA (at own expense).

GRANT: Explore Class Pack (30 learners, 7 teams, school event, 2 classes)

<i>FIRST</i> LEGO League Robotics EXPLORE TEAMS	
Pre-requirements	<ul style="list-style-type: none"> Name of coaches. Plan for robotics at school. Coach participation in I-SET Robotics Live Online Learning. Robotics coach and mentor support group is available on WhatsApp.
Grant includes equipment on loan from FIRST SA	7 WeDo Set 7 explore/Inspire set 7 tablets with WeDo software installed
Grant covers costs	2 Class Pack registration (includes TMG and EN) 2 Class Pack Celebration Medals for all learners participating.
Progress requirements	Weekly Progress reports as per 12-session programme emailed to explore@firstsa.org by Friday cob Celebration event invitation for FIRST SA (or representative).
Close out requirements	Participation at celebration event (all documentation to be submitted). If you choose to continue, then a next plan is required. If you choose not to continue, then all on loan equipment must be returned to FIRST SA (at own expense).

GRANT: Discover Class Pack (40 learners, 10 teams, school event, 2 classes)

<i>FIRST</i> LEGO League Robotics DISCOVER TEAMS	
Pre-requirements	<ul style="list-style-type: none"> Name of coaches. Plan for robotics at school. Coach participation in I-SET Robotics Live Online Learning. Robotics coach and mentor support group is available on WhatsApp.
Grant includes equipment on loan from FIRST SA	5 STEAM Parks (in container) (one to share between 2 teams) 10 discover/Inspire set (one per team) 80 six bricks sets (one per learner)
Grant covers costs	2 Class Pack registration (includes TMG and EN) 2 Class Pack Celebration Certificates for all learners participating.
Progress requirements	Weekly Progress reports as per 10-session programme emailed to discover@firstsa.org by Friday cob Celebration event invitation for FIRST SA (or representative).
Close out requirements	Participation at celebration event (all documentation to be submitted). If you choose to continue, then a next plan is required. If you choose not to continue, then all on loan equipment must be returned to FIRST SA (at own expense).
NOTE	If you have smaller classes, please add information on your grant application.

THE APPLICATION FORM (FIRST SA 2021)

Introduction

FIRST SA offers the following grants for 2021. There are 5 types of grants. For each type of grant, there are only a limited number available. An application form will be available for each of the following grants:

Information Category	Definition	Information required
Grant type	<ul style="list-style-type: none"> • Class Pack FIRST LEGO League Discover (10 teams per class, 2 classes (Total 20 teams) • Class Pack FIRST LEGO League Explore (7 teams per class, 2 classes (Total 14 teams) • Class Pack FIRST LEGO League Challenge (5 teams per class, 2 classes (Total 10 teams) • Single team FIRST LEGO League Explore (Total 1 team) • Single team FIRST LEGO League Challenge (Total 1 team) 	Select an option.
Province	Gauteng Western Cape Eastern Cape Northern Cape North West KwaZulu Natal Free State Limpopo Mpumalanga Other: _____	Select a province.
District	District in Province	Type in district.
Institution This describes the institution that will be using the grant to implement robotics.	ECD Centre Primary School High School Science Centre Community Centre Other: _____	Select an option.

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Institution vision for robotics and motivation for grant application	What is the vision for the growth of robotics? Why are you motivated to apply for this grant?	Type a paragraph.
Which learners will participate in robotics?	The learners that participate in the activities of the grant are in which grades?	Type a paragraph.
Applicant Type The applicant is the contact person who shall sign the contract of responsibility for the on-loan equipment for one year.	<ul style="list-style-type: none"> • School SGB Chairperson. • Community Centre Director. • NGO Director 	Select an option.
Applicant Details	Title Name Surname ID number Cell Number Email address	Text required.
Venue for Robotics The venue is the address of the site where the robotics training will be implemented. This is the address to which the equipment will be couriered and where the equipment will be kept safely.	<ul style="list-style-type: none"> • School • Community Centre • NGO Venue • Other: _____ 	Select an option.
Venue Details	Name of building Street Address	Text required
Courier Address (if it differs from venue) Address to which equipment will be couriered.	Name of building Street Address	Text required
Store Address (if it differs from venue) Address at which equipment will be stored.	Name of building Street Address	Text required
Team Coach 1 This person is committed to the implementation as stipulated in the	Title Name Surname	Text required

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T&C of the grant. This person has training in the implementation of the programme.	ID number Cell Number Email address	
Team Coach 2 This person is committed to the implementation as stipulated in the T&C of the grant. This person has training in the implementation of the programme.	Name Surname ID number Cell Number Email address	Text required
To ensure that the T&C of the grant are adhered to:	I have read the requirements of the implementation of the grant.	Y N
	The coaches have completed I-SET Robotics M1 course.	Y N
	The coaches are participating in the I-SET Robotics Live Online Learning and will contribute in terms of community learning.	Y N
	The coaches are participating in the Coach WhatsApp Group.	Y N
	I am aware that I am responsible for the safe keeping of the requirement and that I am required to return the equipment in the same condition as received.	Y N
If you were to receive the grant, do you have any ideas for the future use of the grant equipment to reach additional learners (beyond the targets required in the grant).	We would really appreciate the sharing of other ideas to reach more learners and welcome any suggestions.	Type a paragraph