

Amazon Delivering Smiles 2022-23

Guidelines for setting up Digital Labs through Delivering Smiles Grant 2022

1. Devices/Equipment that qualify for Digital Labs

1. Computing Devices	2. Accessories	3. Advanced STEM Kits
a. Desktops b. Laptops c. Tablets	a. Keyboards, Headphones, Mouse, Webcam & Mic b. Multimedia speakers c. Projectors, and Smart Boards d. Wi-Fi routers, Dongles and Power Backup e. Echo-dots and Kindles	a. Microcontroller based kits (Arduino, Rasp Pi, Micro-bit etc.) b. 3D Printer c. Drone Kits d. Virtual Reality Kits

Notes:

- i) Procurement of any equipment which is not part of the above list, requires prior intimation and justification of the need.
- ii) Organizations proposing to procure 'Advanced STEM Kits' should confirm the availability of technical resource person/s within their organizations and the training plan for teachers as well as students to make the best use of these kits

Estimating the equipment quantities for one digital lab

- The lab should not include more than 10 computers/laptop if lab will be accessed by a batch size of 30 students simultaneously (1:3 equipment to student ratio) or maximum of 15 computers/laptops if batch size is of 45 students
- The equipment to student ratio shall not be more than 1:2, if tablets are procured as part of lab setup
- The quantity of commonly used equipment like projector, multi-media speaker unit, smart board, 3D Printer etc., should be limited to one per lab
- It is recommended that in case of including Advanced STEM kits in the lab, the quantity of these kits should be planned in such a way that the cost will not exceed 15% of total lab budget

2. NGO partner to ensure physical infrastructure is adequately available for lab setup

- Stable & tidy room for housing the digital devices, basic electricity, seating arrangements, storage of devices, physical safety etc. should be in place
- Schools/institutions or the applicant organizations themselves should take the responsibility of arranging the physical infrastructure needs required for proper functioning and safety/security of the lab infrastructure

3. Content and curriculum should be in alignment with the Digital Labs proposed

- It is expected that the organizations applying for the Delivering Smiles grant have access to or developed content as part of their existing project with schools/institutions and use the devices from Delivering Smiles grant to enhance the engagement of students
- In cases of organization not having access to content, they will be guided towards open-source coding, simulation, app development curriculum

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- Organizations applying for Delivering Smiles grant should avoid budgeting for content or curriculum development related activities
- 4. NGO partner to ensure there is adequate training support for teachers and students to utilize the labs**
- Organizations should look at Delivering Smiles grant as digital value-add to their existing project(s) in schools/institution where they have already deployed resources for providing training & support
 - Only in very few need based cases Amazon may consider evaluating the training component & extend support. Hence, organization should justify the need for budgeting of training support.
- 5. NGO partner to have a schedule in place for using the devices for learning by program participants (teachers, students)**
- Set clear expectations with the schools/institutions about the device ownership and their appropriate use.
 - The training schedules/time table either during school hours or after school hours should be worked out and communicated all stakeholders well in advance.
 - The school management should nominate and allow school/institution teachers to provide time to get involved & oversee the device use.
 - Organizations shall submit the prepared time table and estimated number of students' attendance