

Dear Roshni Trust Team,

I hope this email finds you well. Thank you so much for your patience in waiting for our response. We are excited to begin this collaboration with you. In this email, I am sharing the carved-out details of our partnership.

Science Fuse and Roshni Trust Partnership

The duration of this partnership will be one year, during which we will conduct four different modules of Digital Science Club. Each module will last 8 weeks, with one session per week. The sessions will be conducted live, via Zoom.

The material lists for these sessions will consist of very low-cost materials that can be sourced easily. We will also have a team dedicated to this project around the year who will work with us and Roshni Trust to make this program successful. The science experiments and knowledge communicated by our science communicators in the live sessions can be replicated by your teachers as well. It will be a resource that is yours to keep. Along with the live Zoom sessions, we will also provide a Digital Science Booklet for every session. [Here](#) is a sample booklet for one of our sessions on electricity. These booklets are designed to reinforce concepts talked about in our classes, share further information and resources, as well as prompt activities for children that help them think critically about the experiments and expand on their sense of wonder and curiosity. With one booklet per class, 8 booklets will be shared with you in each module. In the span of a year we will be sharing a total of 32 booklets with you as we complete each of our 4 modules.

In addition to that, we will provide 3 Teacher Training Sessions per module. This training comprises a curriculum that has been developed by our team keeping in mind the barriers and breakthrough opportunities for teachers in Pakistan. They include modules about digital literacy, science capital, pedagogical skills, and communication skills, etc. Along with these training sessions, 2 recorded training videos will also be provided to the teachers in every module. Hence in the span of a year, teachers will receive 12 Live training sessions & 8 recorded video lessons for their development as we complete all the 4 modules in a year.

We will also be providing 8 additional lessons and assessments in each module. A sample of these lesson plans and assessments can be found [here](#). Four of these lessons and assessments are based on our science stories while four are based on experiments. The story-based lesson (Provided sample: Marie Curie kon thi?) includes a script of the story, audio narration of the story, a video, a digital illustration or poster, and an assessment designed to enhance critical thinking skills among students. The experiment based lesson (provided sample: Can You Make Ice cream at Home?) includes an experiment video in which our science communicators talk about the science behind experiments as well, a digital booklet on how to perform the experiment, and an assessment

designed to further enhance students' understanding of the concepts. We will also provide instructions on how to use these resources in the classroom and become better science communicators for teachers to inculcate scientific curiosity among their students. All of these resources will be yours to keep and can be used again and again with various groups of students. Alongside these training materials and instructions, we will also keep a track of the teacher's activities and receive regular updates, reflections, and responses from the work that they are doing. This will include consistent accountability from our team, support, and facilitation for the teachers as well.

Here I am providing a list of the resources mentioned above. We will conduct 4 modules, each lasting 8 weeks in a year. In each module, we will provide the following resources:

- 8 Live Digital Science Club Lessons via Zoom, once per week. In a year we will be conducting a total of 32 Live lessons for your students through 4 unique modules.
- 8 Digital Booklets based on each lesson. In a year your organisation will receive a total of 32 unique booklets as we progress through the 4 modules.
- 3 Live and Interactive Teacher Training Sessions for each of the 4 modules. In total, we will be conducting 12 live training sessions during the span of a year.
- 2 Recorded Training Videos for teachers for each of the 4 modules. In total teachers will receive 8 recorded training lessons in the span of a year.
- 4 Story-based lessons (including written script, audio, video, and digital illustration or poster) for each of the 4 modules. In total Roshni, Trust will receive 16 story-based lessons to keep in the span of a year.
- 4 Story-based Assessments for each of the 4 modules. In the span of a year, Roshni Trust will receive 16 story-based assessments for their students.
- 4 Experiment-Based lessons (including experiment video, and digital DIY booklet) for each of the 4 modules. In the span of a year, Roshni Trust will receive 16 of our Experiment-based lessons.
- 4 Experiment-Based Assessments for each of the 4 modules. In the span of a year, you will be receiving 16 assessments with our experiment-based lessons.
- A dedicated team round the year for this project
- Continued interaction and community-building activities among teachers throughout the year.
- Assessment, support, and accountability for teachers.

All of these resources will be provided for each module, and we will run 4 modules in the entire year. We will provide your organization with materials lists for the entire modules beforehand as well so you may resource the materials in time.