

Context

In Bangladesh, climate change continues to intensify food insecurity, leaving around 40% of school-aged children suffering from malnutrition. Many students from low-income families lack access to nutritious food and opportunities to learn sustainable farming skills. Meanwhile, over 200,000 hectares of homestead and school land remain uncultivated. Addressing this challenge requires innovative, youth-centered approaches that boost nutrition, education, and climate resilience by turning underused land into a resource for healthy food production and learning.

Innovation Description

The 48 Student Farmer initiative empowers students in 20 schools to become agents of change at their schools and homes through hands-on agricultural education. Over a 48-day cycle, 500 students—most from vulnerable households—are trained in climate-smart farming techniques and encouraged to apply these at home. Through demonstration plots, student-led garden committees, and school-community collaboration, the initiative promotes food security, improves diet diversity, and supports education—turning students into leaders in sustainable agriculture and nutrition. Engaging in food production teaches them valuable skills and nurtures an entrepreneurial mindset.



48 DAYS STUDENT FARMER World Vision Bangladesh

Project Goals

- Improve food security and household resilience by training students in climate-smart agriculture.
- Utilize uncultivated land in school and home environments for safe, nutritious food production.
- Build student leadership and life skills through hands-on farming activities and community outreach.
- Promote sustainability through collaboration with government, local authorities, and other partners.

Progress to Date

Of the students who received agricultural education as part of their school curriculum, nearly 79% came from the 48 Days Student Farmer project. The baseline survey also found that around 67% are actively applying their skills at home or school, and 72% now consume vegetables from their own gardens. The project has also boosted leadership, with 23.4% of students demonstrating leadership actions, while schools have established climate-smart demo plots to reinforce practical learning.