



DISASTER RISK REDUCATION & EMERGENCY PREPAREDNESS PROGRESS REPORT 2021-23

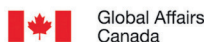
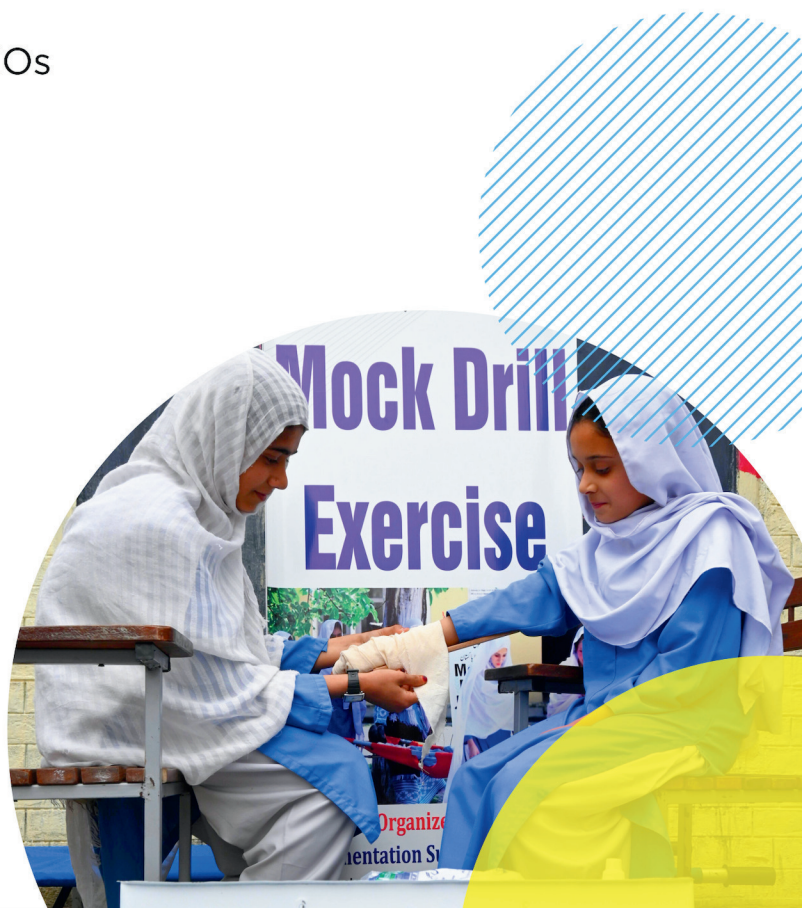


TABLE OF CONTENTS

01	Foreword by Director Programs
02	Implementation Support Unit - DoE&SE
03	Overview
04	DRR, EP and First Aid
05	<ul style="list-style-type: none">• Methodology of training
07	Mock Drills Exercise <ul style="list-style-type: none">• Methodology of training
12	Consolidated Results Table
14	DRR provisions to government schools
15	DRR in action
16	Monitoring visits by government officials
17	Appreciation letters from DEOs
18	A story of resilience
19	Recommendations Conclusion



ABBREVIATIONS

UNICEF	United Nations Children's Fund
ISU	Implementation Support Unit
DoE&SE	Directorate of Elementary and Secondary Education
KP	Khyber Pakhtunkhwa
GPE	Global Partnership for Education
ESPIG	Education Support Program Implementation Grant
ECW	Education Cannot Wait
MYRP	Multi Year Resilience Program
GAC	Global Action Canada
DEO	District Education Officer/Office
DFP	District Focal Person
PTC	Parent Teacher Council
DRR	Disaster Risk Reduction
RR	Regular Resource
EP	Emergency Preparedness
SDMT	School Disaster Management Team



FOREWORD

Since our inception, ISU-DoE&SE has achieved numerous milestones in the realm of DRR and school safety. I extend my sincere gratitude to all the individuals and organizations, especially UNICEF, ECW, GPE and GAC that have supported our endeavors. Your unwavering dedication, collaboration, and hard work have been instrumental in our collective success. I extend heartfelt gratitude to Christine Wanjala (Education Manager, UNICEF), Syed Fawad Ali Shah (Education Specialist, UNICEF), Ms. Momina Ahmed (Education Officer, UNICEF), Samina Altaf (Director Education), all DEOs, Teachers, PTCs and the community members for their immense and continuous support and also being a part of our mission. Finally, I would like to recognize and laud the invaluable commitment of the ISU-DoE&SE staff towards making the project successful.

SYEDA UM-E-LAILA JAFFRY
DIRECTOR PROGRAMS
IMPLEMENTATION SUPPORT UNIT - DOE&SE



IMPLEMENTATION SUPPORT UNIT

Directorate of Elementary and Secondary Education, Khyber Pakhtunkhwa

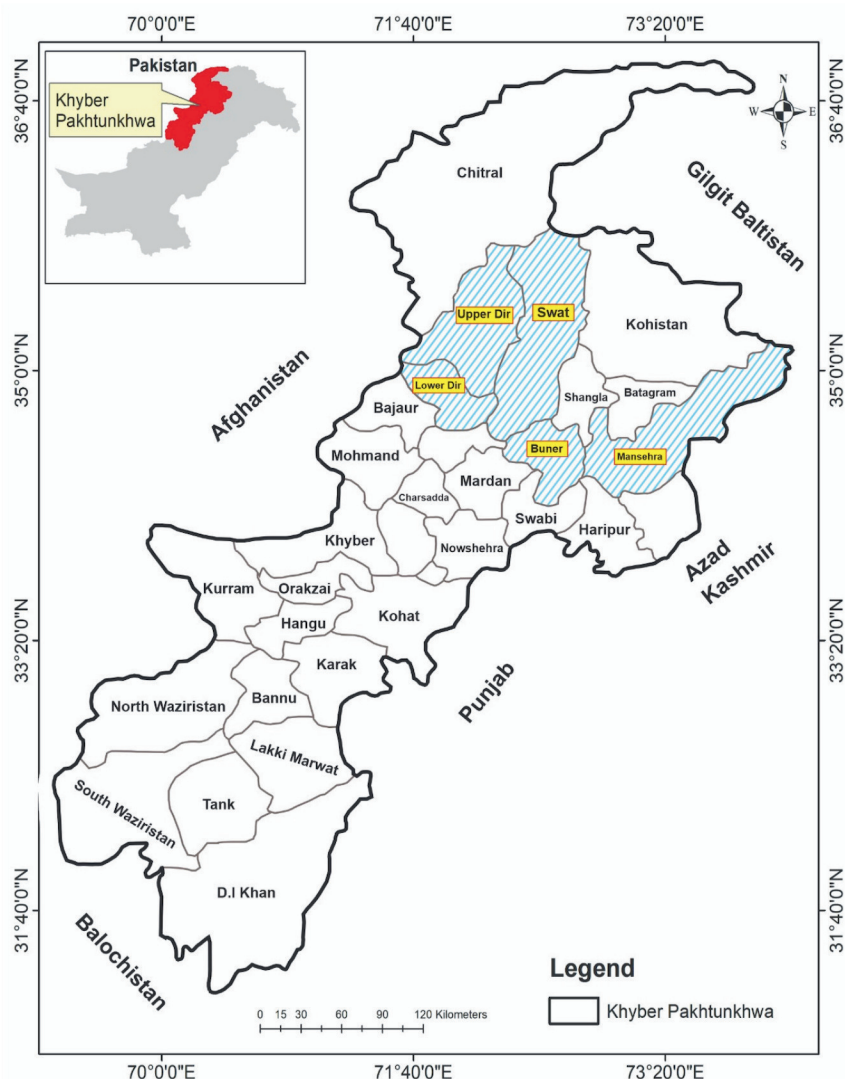
In a nation that has witnessed the devastating consequences of natural disasters on educational institutions, ISU-DoE&SE recognizes the critical importance of fortifying the educational sector against future emergencies. Throughout the history of Pakistan, tragic student casualties caused by earthquakes, floods, and other calamities have underscored the pressing need for proactive measures to protect our educational infrastructure. It was with this imperative in mind that ISU-DoE&SE was established. In light of the DRR Steering Committee, the ISU-DoE&SE was established on August 31, 2018 with the objective of implementing Emergency Standard Operating Procedures (ESOPs), capacity building on School Safety, DRR for education managers, head teachers, development of manuals and coordination with various stakeholders across the province. As an organization, ISU-DoE&SE is driven by a steadfast commitment to promoting the resilience and well-being of educational institutions and their stakeholders. We strive to foster a culture of safety, preparedness, and effective response to emergencies. Our dedicated team of professionals brings together diverse expertise and a shared passion for creating a secure and conducive environment for learning and growth.



OVERVIEW

In recent decades, Pakistan has grappled with various natural disasters like earthquakes, floods, and landslides, leading to significant humanitarian crises, impacting lives, schools, homes, and livelihoods. Beyond these, commonplace risks such as minor injuries, fires, road accidents, and electrocution pose threats to school-going children in the country. The escalating frequency of natural hazards, exacerbated by climate change and environmental degradation, poses a rising concern. In the devastating 2005 earthquake, over 138,000 were injured, 3.5 million rendered homeless, and tragically, around 19,000 children lost their lives, mainly due to school building collapses.

Efficient monitoring, forecasting, and early warning systems are crucial, but equally essential are DRR measures empowering schools with the skills and knowledge to safeguard against such perils. In response, the ISU-DoE&SE KP, with the technical and financial support of UNICEF, initiated a comprehensive plan. This program aimed to enhance schools' capacity to effectively manage emergencies by conducting regular mock drills, preparing teachers and students to respond efficiently, and minimizing damages during crises. This initiative aligns with the proactive stance of the DoE&SE KP, addressing their specific needs and planning accordingly.



DRR, EP AND FIRST AID

The ISU-DoE&SE conducted a comprehensive series of One-day DRR, EP and First Aid training sessions tailored for government primary school teachers. These sessions were strategically organized across diverse schools, including those selected under ESPIG, ECW, GAC, Afghan projects, as well as schools covered under the ISU-DoE&SE's RR, spanning all districts of KP.

The primary objective of the trainings centered on empowering government primary school teachers and students with essential DRR skills, emphasizing emergency preparedness and first aid. This included imparting knowledge on safe evacuation protocols during seismic activities and floods, fostering self-reliance in emergency response. Teachers were equipped to instruct PTC Members, other staff, and students on first-aid essentials. In executing this initiative, ISU-DoE&SE fostered partnerships with critical stakeholders like Rescue 1122, Pakistan Red Crescent Society, and Civil Defense. Collaboratively engaging teachers and students, various methods such as lessons, demonstrations, role-playing, and interactive Q&A sessions were employed to ensure comprehensive learning and preparedness at multiple levels.



ISU-DoE&SE's trainer apprising the participants during the DRR training



METHODOLOGY OF TRAINING

The training was divided into various sessions, all focusing on important aspects of DRR knowledge and skills.

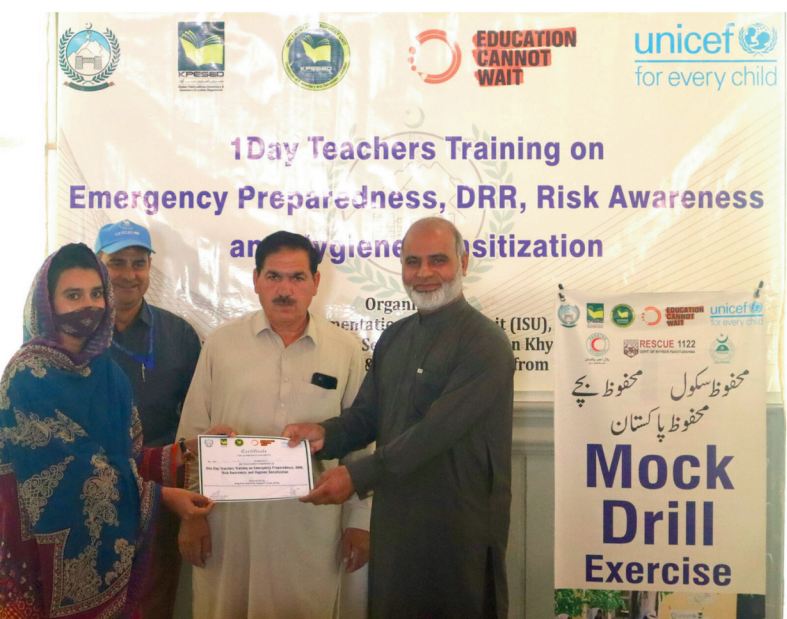
- SESSION 01** primarily emphasized an Introduction to first aid, delving into the fundamental attributes of a first aider, and covering the DRABC approach.
- SESSION 02** centered on wounds & bleeding, hands-on bandage practices, nasal bleeding and its initial aid, as well as an in-depth exploration of shock and its causative factors.
- SESSION 03** delved into respiratory emergencies, emphasizing various scenarios and procedures concerning these critical situations.
- SESSION 04** was dedicated to burns and their first aid, covering the different types of burns, their severity, and the appropriate first aid measures to mitigate their impact.
- SESSION 05** encompassed topics on heat and exposure as well as bone joint injuries, discussing their first aid procedures and the safe transportation of individuals with such injuries over short distances.



ISU-DoE&SE's trainer demonstrating the use of First Aid box and other emergency procedures

ISU-DoE&SE under various donors and projects, with the technical and financial support of UNICEF, trained a total of 1,823 government school teachers, inclusive of 506 male and 462 female in year 2022 and 2023. These teachers represented 968 government schools chosen across different projects.

Teachers Trained in DRR Emergency Preparedness							
Project	District	Boys Schools	Girls' Schools	Total Schools	Male Teachers	Female Teachers	Teachers Trained in DRR
ECW 2022	3	50	50	100	50	50	100
GAC 2022	2	50	50	100	50	50	100
Afghan 1 2022	4	43	23	66	43	23	132
Afghan 2 2022	6	78	56	134	78	56	268
ECW 2023	3	64	64	128	64	64	250
ESPIG 2023	15	75	75	150	75	75	400
Afghan 3 2023	4	96	94	190	96	94	192
RR Funded1 2023	2	25	25	100	25	25	189
RR Funded2 2023		25	25		25	25	192
Total		506	462	968	506	462	1823



(Left) Additional Director P&D, Mr. Idrees distributing certificates among the participants
(Right) Demonstration of First Aid box use in the training



MOCK DRILL EXERCISE

The mock drills exercises and trainings conducted by ISU-DoE&SE under DRR serves as the linchpin of emergency preparedness. These drills are designed to simulate crises situations, engaging both staff and children to assess responses, improve plans, and enhance readiness for diverse emergencies, ultimately ensuring a safer school environment. Under the mock drill exercises at schools, the trainers establish a SDMT by selecting members, including teachers, students, and PTC members, and delineate their roles and duties. Subsequently, the SDMT is divided into distinct teams—Early Warning, Evacuation, Search and Rescue, First Aid, and Coordination—each team is to be briefed comprehensively on their specific responsibilities before, during, and after any potential disaster at the school premises.



Formation of SDMT at government schools

METHODOLOGY OF TRAINING

Once the SDMT roles are defined, an orientation is conducted for students and teachers on the contents of the First Aid Box and first aid techniques such as bandaging and casualty transportation followed by guidance on evacuation procedures, early warning mechanisms, and safety protocols in designated secure zones. Subsequently, a step-by-step mock drill is initiated, simulating a crises situation, following a systematic sequence mentioned below.

STEP 1

OPEN ANNOUNCEMENT/EARLY WARNING

During the first step, a student or staff shouts and warns the school of a simulated earthquake prompting all students, teachers, and staff to swiftly gather around wherever they are.



STEP 2

DUCK POSITION

Following the warning, students assume the "duck and cover" position, seeking shelter under their desks and in designated safe corners to shield themselves from potential falling objects.



STEP 3

EVACUATION

The students and teachers commence their evacuation from classrooms and offices, following designated safe routes marked with clear safety signs, directing them towards safe areas.



STEP 4

HEAD COUNTING

Upon reaching the safe evacuation area, the evacuation team initiate a headcount to ensure everyone is accounted for, actively searching for any missing individuals.



STEP 5

SEARCH AND RESCUE

The search and rescue team's primary task is to inspect the school's damaged areas to locate and assist any missing or injured individuals. They evacuate those who can walk and provide transportation for the injured.



STEP 6

FIRST AID PROVISION

The first aid team, comprising of both teachers and students, administer immediate first aid to the injured individuals. They provided on-the-spot medical assistance using the first aid kit they are equipped with.



STEP 7

COORDINATION

The coordination team is tasked with maintaining continuous communication with Rescue 1122 to provide assistance for serious casualties.



The mock drills were executed across all districts of Khyber Pakhtunkhwa, encompassing 1,368 selected government schools under various projects. This cumulative effort reflects a steadfast commitment to building a resilient community and cultivating a culture of preparedness and safety among all participants.

YEAR 2021

ISU-DoE&SE successfully trained a total of **240,196 students**. Of these, **122,115** were boys, and **118,081** were girls. Additionally, **4,004 teachers** and **1,205 PTC members** received training on DRR and mock drills.

YEAR 2022

The training efforts continued in 2022, with a total of **108,433 students** participating in the mock drill. Among them, **55,890** were boys, **52,543** were girls, along with **1,279 teachers** and **1,125 PTC members** receiving training on DRR and mockdrills.

YEAR 2023

In 2023, the initiative expanded further, reaching a total of **150,069 students**. Among these students, **75,630** were boys, and **74,439** were girls. Additionally, **3,127 teachers** and **1,920 PTC members** participated in the DRR and PTC training sessions.



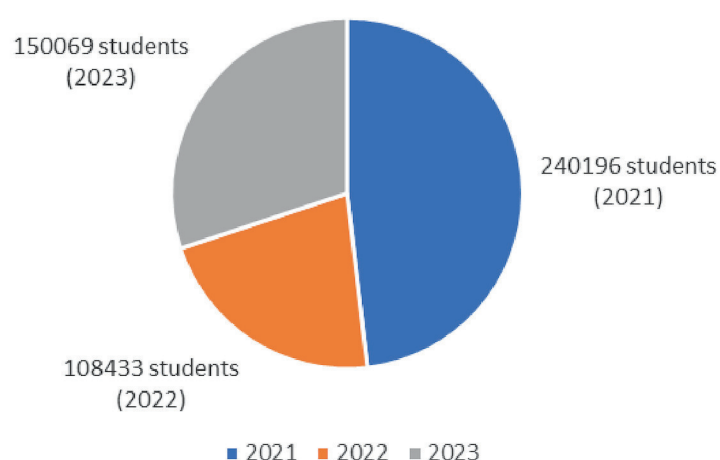
CONSOLIDATED RESULT TABLE

Consolidated DRR-Mock Drill Data for year 2021, 2022 and 2023											
Project	District	Boys Schools	Girls' Schools	Total Schools	Boys	Girls	Total students	Teachers on Mock Drill	Teachers Trained on DRR	Trained PTC Members	Total Participants
DRR 2021	35	200	200	400	122115	118081	240196	4004		1205	245405
ECW 2022	3	50	50	100	16510	13435	29945	679	100	439	31163
GAC 2022	2	50	50	100	17420	14343	31763	0	100	373	32236
Afghan 1 2022	4	43	23	66	6752	8848	15600	0	132	120	15852
Afghan 2 2022	6	78	56	134	15208	15917	31125	0	268	193	31586
ECW 2023	3	64	64	128	21959	21600	43559	931	250	773	45513
ESPIG 2023	15	75	75	150	22420	23821	46241	973	400	361	47975
Afghan 3 2023	4	96	94	190	25271	24713	49984	0	192	230	50406
RR Funded1 2023	1	25	25	50	2740	1449	4189	0	189	293	4671
RR Funded2 2023	1	25	25	50	3240	2856	6096	0	192	263	6551
Total		706	662	1368	253635	245063	498698	6587	1823	4250	511358



From 2021 to 2023, an impressive total of **498,698** students, comprising **253,635 boys** and **245,063 girls**, actively engaged in the mock drills, significantly contributing to disaster preparedness initiatives.

TOTAL STUDENTS TRAINED ON MOCK DRILLS



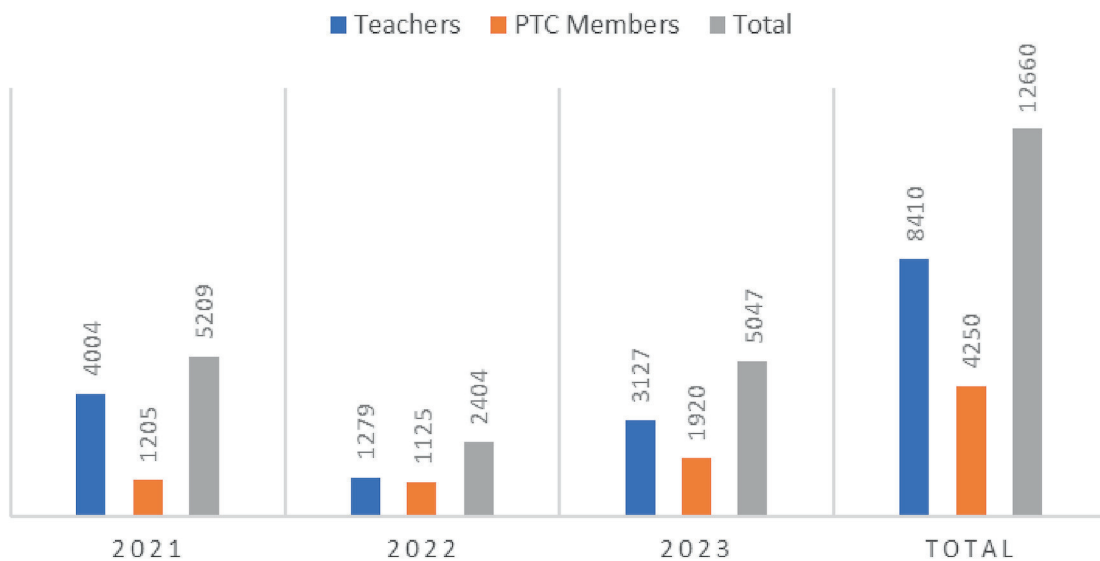


The initiative has been instrumental in training **6,587 teachers**, equipping them with the skills needed to adeptly guide and instruct students during emergency situations over the course of these years.



Additionally, **4,250 PTC members** are actively engaged in the program, amplifying community involvement and support for DRR initiatives.

TEACHERS AND PTC MEMBERS TRAINED

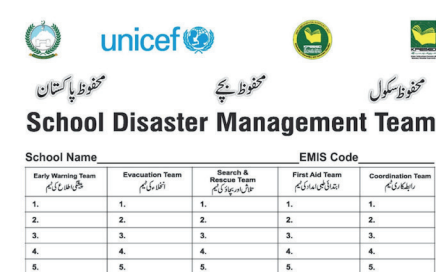


DRR PROVISIONS TO GOVERNMENT SCHOOLS

With the help of UNICEF, following DRR provisions were provided to 1,368 government schools across all districts in KP to bolster their capacity to handle disasters and effectively manage emergencies. These provisions collectively aimed to fortify schools against disasters, ensuring preparedness and safety for students and staff.



(Pic 1) One First Aid box (Pic 2) one Stretcher (Pic 3) One Fire Extinguisher Ball



(Pic 1) One SDMT chart (Pic 2) One Evacuation Plan (Pic 3) One Whistle



(Pic 1 and Pic 2) Five Evacuation signage (Pic 3) Two DRR IEC Banners



Distribution of DRR provisions to various government schools

DRR IN ACTION



ISU-DoE&SE's trainer demonstrating the use of fire extinguishing equipment to students of various government schools



PTC members participating in a mock drill at government school



DRR IEC materials visible at school including banners, signage, SDMT and Evacuation Plan

MONITORING VISITS BY GOVERNMENT OFFICIALS

The DFPs from the DoE&SE KP, including various education managers were engaged in daily monitoring of the activity. Additionally, ISU-DoE&SE monitoring team conducted periodic monitoring visits to schools, ensuring comprehensive oversight and identify gaps for informed decision making in the future.



(Left) DEO Male, District Kohat monitoring the mock drills
(Right) DEO Female, District Kohat monitoring the mock drills



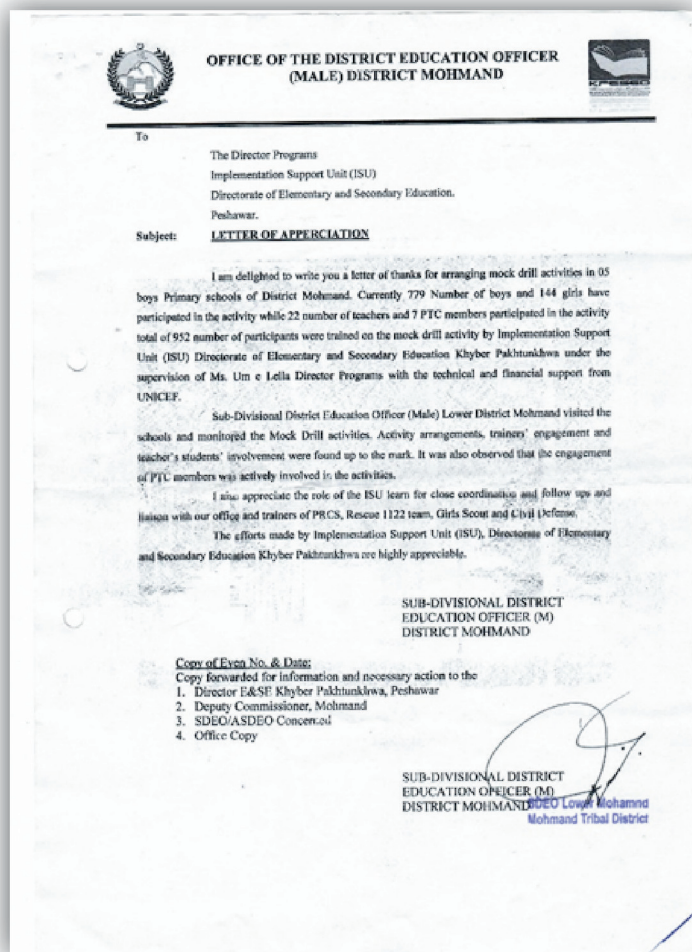
ADEO, District Peshawar, monitoring a mock drill at a school



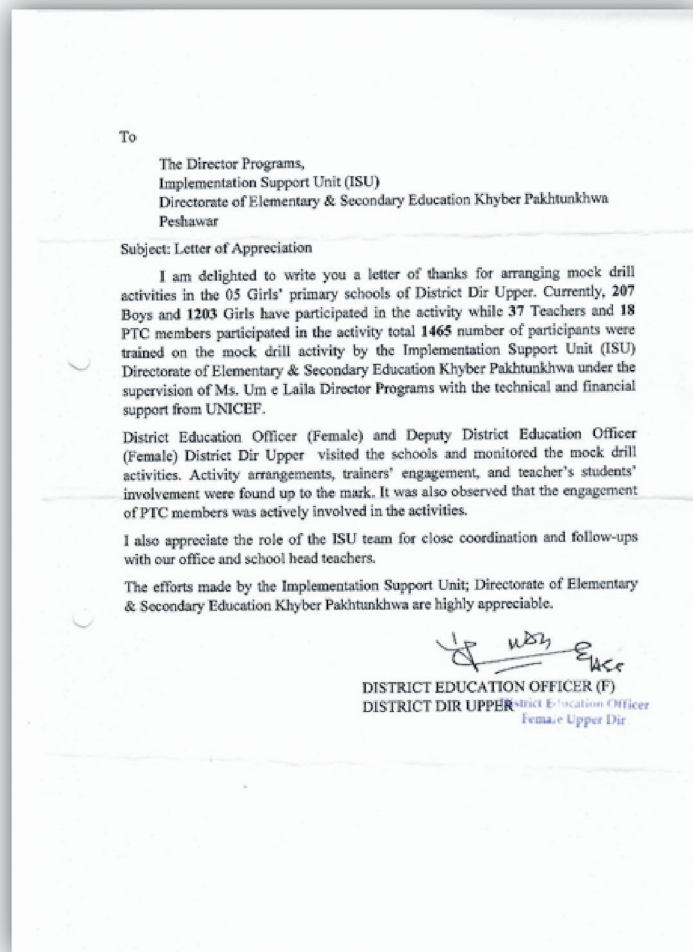
Director Programs (ISU-DoE&SE) visiting and monitoring multiple mock drills at various schools across KP

APPRECIATION LETTERS FROM DEOS

Syeda Umm-e-Laila Jaffry, Director Programs of ISU-DoE&SE, was acknowledged and commended by all DEOs through appreciation letters for the successful execution of school mock drills and the distribution of DRR materials, facilitated in collaboration with UNICEF.



Appreciation letter from SDEO, Male, District Mohmand



Appreciation letter from DEO, Female, District Dir Upper

A STORY OF RESILIENCE



"Zalzala da, duck position wakhlay", Ibrahim, a student in 5th class, shouted as his voice cut through the noise of the day, projecting urgency while maintaining a controlled demeanor. His instructions echoed with a sense of gravity, yet everyone knew they were part of a Mock Drill exercise conducted at the school. His words translate to "there is an earthquake; take the duck position," each syllable synchronized with the ringing bell, the sound serving as a familiar cue. In a choreographed flurry, the children swiftly assumed the duck position as rehearsed. With the drill in full swing, a designated member of the evacuation team swiftly stepped into action, taking charge of guiding the children towards the predetermined assembly point. Following the vivid evacuation signs strategically placed along the walls, the children moved in an orderly line, their steps directed by the clear visual cues. The atmosphere, although charged with a sense of make-believe urgency, retained an air of discipline and purpose, emphasizing the importance of following procedures in such scenarios. A meticulous headcount commenced, ensuring not a single student was inadvertently left behind. Guided by their teacher, Ehsan Ullah, search and rescue teams sprang into action, seamlessly attending to those designated as "injured" for the exercise. Simultaneously, the first aid team, equipped with compassion and proficiency, provided immediate relief to those designated as injured. This mock drill, integral to the Disaster Risk Reduction (DRR) Training under Education Cannot Wait's Multi-Year Resilience Programme (MYRP), implemented by the Implementation Support Unit - Directorate of Elementary and Secondary Education KP (ISU-DoE&SE), serves as a vital preparatory measure, empowering students and teachers to swiftly and safely navigate crises or emergencies.

Amidst the organized chaos at Government Primary School, Akhunabad, a sense of relief enveloped the scenario as the exercise had concluded successfully, showcasing the readiness and effectiveness of the emergency response protocols. The school is densely populated with approx. 1200 children, which also includes 35 Afghan refugee students whose families Peshawar has hosted for many years. The exercises may be mock, but the risks are real: Peshawar, the city where this school stands, rests within an earthquake-prone zone, facing the looming threat of seismic activity due to its proximity to fault lines. The city's low-lying areas, coupled with rapid urbanization and inadequate drainage systems, amplify the risk of water-related disasters in the monsoon season.

Despite its central location, the school finds itself nestled within narrow streets, posing potential challenges, particularly during prompt emergency response times. The readiness of students and teachers is deemed essential to ensuring the safety and well-being of the school community in unforeseen circumstances. The impact resonates beyond the drills. Ibrahim proudly recounts his role in school safety to his family, embodying the program's ethos of preparedness and empowerment

"When I go home, my parents and siblings ask me about mock drills, and I'm super excited to tell them all about the role I play in making my school safe" says 12-year-old Ibrahim.

The DRR training serves as a vital resource, providing teachers with the essential knowledge, tools, and skills necessary to protect both children and themselves in times of disasters. These teachers undergo training in administering first aid, preparing them to offer essential care to students in case of emergencies. Additionally, upon returning to their respective schools, these trained teachers are entrusted with a critical responsibility: forming the school disaster response team. This team is comprised of students and fellow teachers, their role pivotal in ensuring preparedness for emergencies. Their duties extend to organizing and leading comprehensive mock drills, engaging all students and staff within the school

"Given the large number of students, minor injuries are quite common. The first aid training we received, coupled with the ECW-provided first aid kit, has been an invaluable resource as it helps me to promptly provide necessary care, reassuring both students and parents" mentions Ehsan Ullah, teacher at Government Primary School, Akhunabad.

Amidst the school bustling with over 1200 students, the First Aid training and the provision of First Aid Kits have become invaluable resources. These resources empower teachers to swiftly offer essential medical care in times of injuries. Beyond mere provisions, they stand as pillars of trust, instilling parents' confidence that their children are in capable hands. The school is also provided with DRR provisions such as IEC materials, Stretcher, First Aid Kit and Evacuation Signage to enhance overall school safety. The Government Primary School in Akhunabad has now turned into a haven of safety, all made possible by the support of ECW and UNICEF.

RECOMMENDATIONS

Expanding this successful initiative could involve broadening similar programs to encompass more schools, sustaining ongoing training and refresher sessions, and fostering partnerships with additional stakeholders to fortify and continually enhance emergency preparedness efforts.

- Develop sustainable practices within schools for disaster risk reduction. Encourage schools to integrate disaster preparedness into their curriculum and daily routines to ensure continued awareness and readiness.
- Implement a cyclical evaluation system to regularly assess the effectiveness of disaster preparedness efforts. Use feedback to continually refine training programs and materials, keeping them current and relevant.
- Empower students to become advocates for disaster preparedness within their schools and communities. Establish student-led programs to educate peers and disseminate knowledge on emergency response measures.
- Organize joint workshops and mock drills with other educational institutions or community organizations to share best practices and enhance disaster preparedness on a larger scale.
- Offer continuous professional development opportunities for teachers and stakeholders, ensuring they remain updated with the latest disaster response strategies and methodologies.
- Advocate for increased resource allocation and investment in infrastructure improvements to reinforce the structural integrity of school buildings against potential hazards.
- Incorporate mental health and psychosocial support within disaster response training to address the emotional well-being of students, teachers, and staff during and after emergencies.
- Establish a comprehensive documentation system to archive lessons learned, successful practices, and challenges faced during disaster response. This shared knowledge can benefit future preparedness efforts and contribute to a broader knowledge base.

CONCLUSION

The report underscores the successful execution of the drills and the active engagement of schools and stakeholders under various projects including ECW's MYRP, GPE's ESPIG, GAC and ISU-DoE&SE's RR. It emphasizes the pivotal role of preparedness initiatives in mitigating risks and securing the safety of students and staff during emergencies. As climate change escalates extreme weather events, comprehensive emergency preparedness strategies become paramount. Prioritizing proactive initiatives to fortify preparedness and response capabilities is imperative. Investing in these measures is crucial to minimize the impact of environmental challenges, ensuring the safety and security of individuals within schools in KP.



All pictures are copyrights of Implementation Support Unit - Directorate of Elementary and Secondary Education



091 9225400 - 091 2216624



info@isudoekp.com.pk



www.isudoekp.com.pk



Directorate of Elementary & Secondary Education, Khyber Pakhtunkhwa, near Gov. Husnain Shareef Shaheed Higher Secondary School No 1, GT Road, Peshawar



facebook.com/Implementationsupportunit



@ISUDoESEKP



@isudoesekp2151