Hands-on Activities in e-Learning

Teaching Impact-based Forecast and Warning Services online

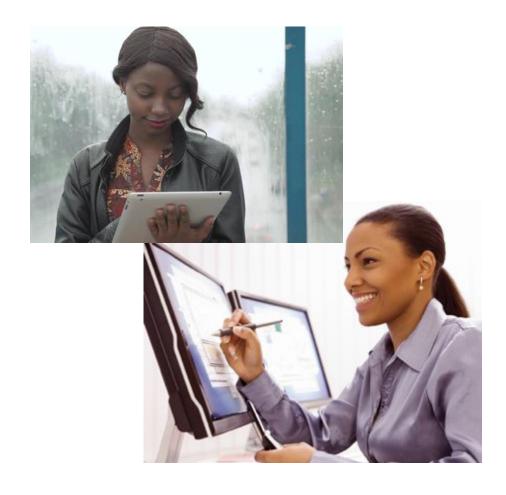
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e-Learning: a Good Investment

- Excellent e-learning is available any time
- Positive learning experiences help learners to perform better and contribute to the organization



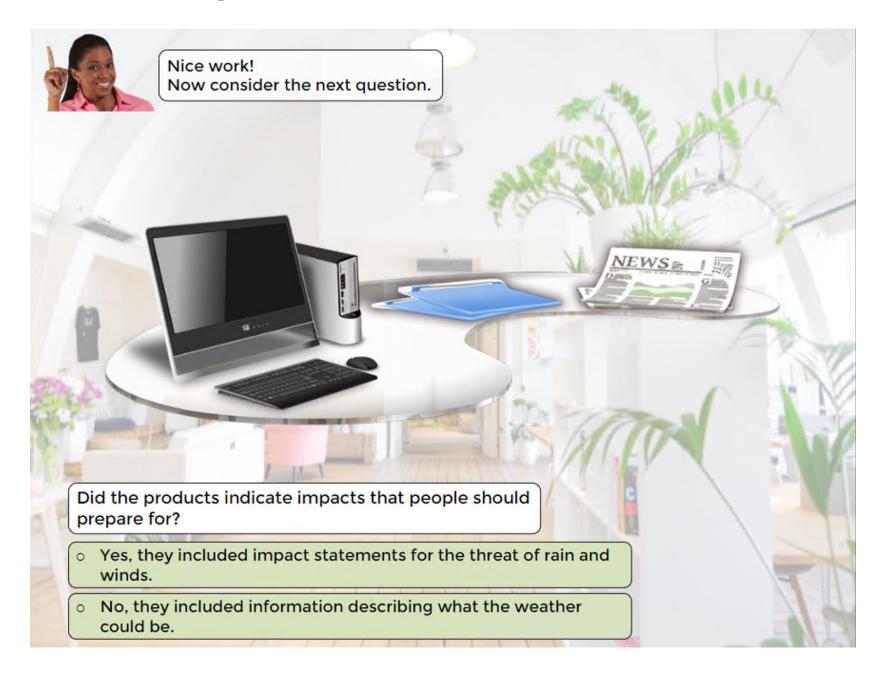
e-Learning: a Good Investment

"To learn is an action taken by and occurring within the learner. Instructors cannot learn for their learners, and neither can e-Learning technology even with all its graphics, animations, effects, audio, interactivity, and so on. Learners must be active participants and, in the end, do the learning." (Allen, 2016, p.122)





Determining Current Conditions - Demo



Creating a Roadmap - Demo



It's time to prepare a roadmap of actions to close these gaps. Review the gaps for the outcome below, and match the action to the gap it will address. Be careful... if you don't match the correct actions, an IBF partner may leave!

Partners 👰 🔞 👰 🥥 Outcome: Provide information to people that will help them make informed decisions and take appropriate preparedness actions Actions Roadmap **Gaps** Current forecasts do not include Remove meteorological terminology from impact statements describing forecast and warning messages what the weather will do Write impact statements for different levels of threats posed by each weather hazard Current forecasts lack actionable information to help people prepare for threats Collaborate with media organizations to test the wording of forecast and warning templates with people from local communities Current forecasts use Work with communication experts, media, and meteorological terms to state emergency managers to prepare impact tables what the weather will be for various hazards Meteorologists do not have the Work with communication experts to prepare communication skills to create forecast and warning templates for each impact statements that are easy hazard that say what the weather will do to understand

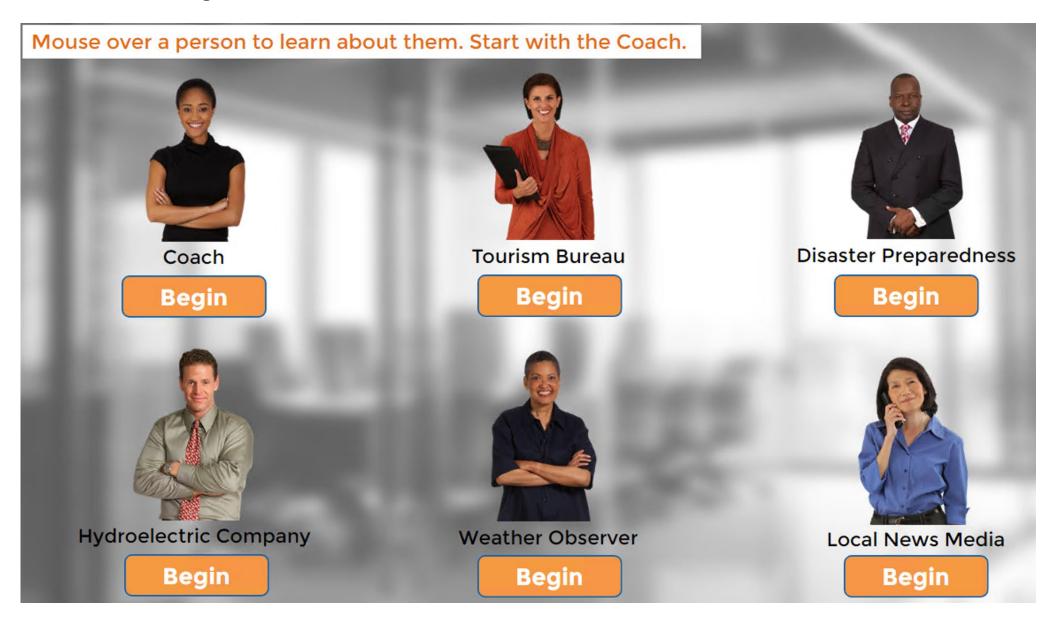
Creating a Roadmap - Demo



Well done! You have successfully practiced the four steps for implementing IBF in your NMHS. Here is what we found.

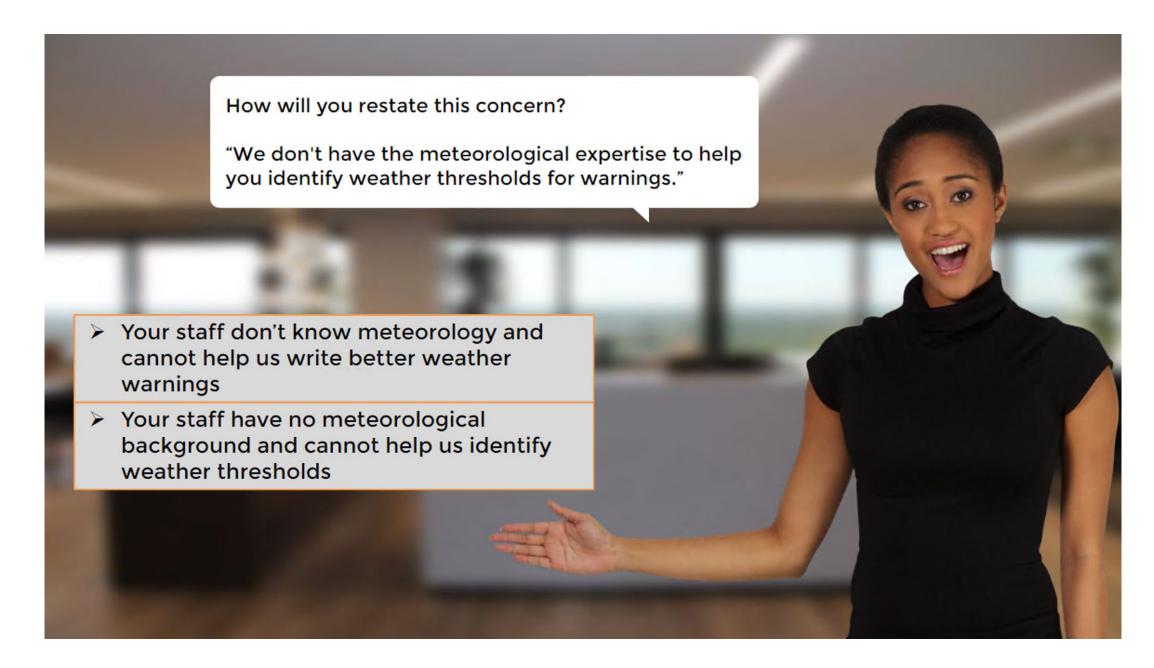
Current Conditions	Desired Outcomes	Identified Cans	Activities
Where you are now?	Where would you like to be?	Identified Gaps Difference between desired and current state	Activities to address the gaps
The meteorological and hydrological forecasts were issued on time. The hydrological forecast lid not mention urban lash flooding.	people that will help them make informed decisions and take appropriate preparedness actions I not appacts repare for I storm.	Current forecasts do not include impact statements describing what the weather will do	Work with communication experts, media, and emergency managers to prepare impact tables for various hazards Work with communication experts to prepare forecast and warning templates for each hazard that say what the weather will do
The forecast did not ndicate what impacts beople should prepare for with the tropical storm.		Current forecasts lack actionable information to help people prepare for threats	Write impact statements for different levels of threats posed by each weather hazard
A major flood destroyed nomes and thousands live n shelters.		Current forecasts use meteorological terms to state what the weather will be	Remove meteorological terminolog from forecast and warning message
		Meteorologists do not have the communication skills to create impact statements that are easy to understand	Collaborate with media organizations to test the wording of forecast and warning templates wit people from local communities

Practicing Communication - Demo



From: Building Partnerships Through Communication

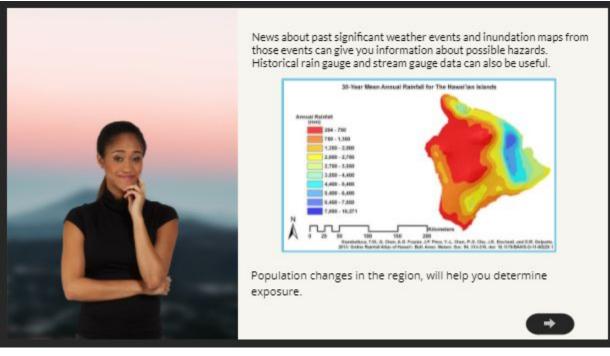
Practicing Communication - Demo



Evaluating Hazards, Exposure, and Vulnerability

- Explore the concepts of hazards, exposure, and vulnerability
- Step through the process of gathering and evaluating data to create an impacts table for a location







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