Technology:
Benefits and Consequences

Example of Technology	Need That Is Being Addressed	Benefits	Unintended Consequences

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SAMPLE Responses: Peru Slide Show (answers will vary)

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Windmills	Lack of access to water for irrigation	Crops have access to water. Wind power is a renewable resource that is free (except for maintenance) in this community. The windmills in the community are seen as aesthetically pleasing and have actually brought some small scale tourism to the community.	The maintenance of the windmills can be expensive. Although most of the parts are locally made, there are a few, such as the pistons and the metal tubes that draw the water, that must be maintained or purchased outside the village. Some hard labor is required to keep them running. For example, they need to be primed to get them stared.
Information Technology (computers, Internet, blogging)	Lack of access to acquiring skills in information technology An unaffordable means of communication Limited accessibility to reach a large audience	Acquired skills can make the individual more marketable for employment. Allows for better management of household and business related finances There are more opportunities to communicate with friends and family in an inexpensive way; the Internet and blogging allow an individual to post pictures and write a long letter for the same price as a short phone call. Increased learning and income-generating opportunities (e.g., beekeeping project) Ability to communicate and voice one's opinions to the global community Opportunity for profound discussions covering various issues	Viruses and spyware caused a number problems to the operating systems; some computers crashed because there was no antivirus software. Some adults and students were found using inappropriate websites, which resulted in more patrolling and ultimately the purchase of software that would block inappropriate sites. There was a problem with individuals sharing each other's passwords and accounts; friends were checking each other's accounts and sending e-mails from them. Some businesses set up accounts to reach a larger audience, but didn't follow through with checking them, which resulted in numerous missed opportunities