

DIRECTIONS: While watching the slide show “Exploring Back-Country Peru”, identify two or more technologies and complete chart.

Country: **Peru**

<b><u>Technology</u></b>	<b><u>Need</u></b>	<b><u>Benefit</u></b>
<i>Example: calculator</i>	<i>Faster way to compute; more efficient work time</i>	<i>Complete more work in less time</i>
windmill	Lack of access to water for irrigation	Crops have access to water; wind power is a free, renewable resource (except for maintenance of the windmill); have brought small scale tourism to Miramar
information technology (computer, internet)	Lack of access to information; unaffordable means of communication; limited access to wider audience	Acquired marketable skills; better management of household and business-related finances; more affordable opportunities to communicate with friends and families; new venue for communication and sharing with broader audience (blog, poetry); different ideas from discussions with those outside community; increased learning and income-generating opportunities (beekeeping)
irrigation	Lack of water for crop growth	Quicker; less labor intensive; more arable land; reduced risk of disease with dry foliage; moisture level at root zone = less energy expended for plant to get water
plow	More crops for growing population	Quicker; less labor-intensive way to seed crops; breaks up soil easier; greater crop yields; reduced amount of weeds; expansion in area cultivated

Country: **United States**

<u>Technology</u>	<u>Need</u>	<u>Benefit</u>
<i>Example: calculator</i>	<i>Faster way to compute; more efficient work time</i>	<i>Complete more work in less time</i>

