

Jorge Gómez López, teacher educator and **ITEN Teacher Fellow**, has collaborated to develop a Massive Open and Online Course (**MOOC**) ***Interact, Discover and Learn Sciences with PhET Virtual Laboratories.***



The MOOC was developed based on a **partnership** between the **Digital University Institution of Antioquia** (IU Digital), Colombia, of which Jorge is a part, **PhET** of the **University of Colorado in Bolder, USA**, and the **MéxicoX** platform of the **government of Mexico**.

This collaboration was established through ITEN. Jorge already knew and worked with PhET resources, but did not have direct contact with his team. By participating in the 2019 ITEN Annual Seminar in Lima, Peru, he had the opportunity to meet the entire PhET team through Diana López, a colleague responsible for the interactive PhET simulations.



This direct interaction with the PhET team at the ITEN Seminar helped Jorge establish a partnership to develop and promote this MOOC.



"The ITEN seminar allowed us to get to know and see the potential, not only of the simulations, but of the PhET team. This was a marvelous opportunity, which now has as its first outcome this MOOC, but which also will lead to other projects for teachers of the Americas,"
Jorge comments.

Access the free simulations:
<https://phet.colorado.edu/es/>

The MOOC is focused on a strategy that involves experimentation and the generation of learning environments through technology, in particular that can be used without qualms in rural environments.

Offered by the MexicoX platform, the MOOC is aimed at **educators of secondary level**, teacher training and higher education **lasts 40 hours**.



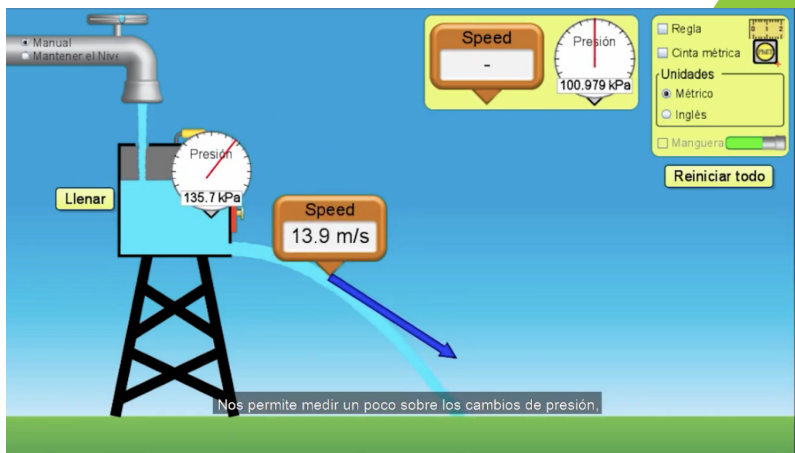
Y entonces nosotros dejamos de ser la fuente de información, nosotros somos la guía.

6,029

teachers from Colombia, Mexico and other parts of the Americas participated.



[See an introductory video for the MOOC.](#)



"For the University, this link with ITEN and PhET has been extremely important because it has allowed us to find allies with whom we have the same dreams and the same purposes, and to join forces. [...] We believe that in the near future we will have very important results to improve the teaching conditions and the classroom reality of rural teachers in Antioquia, Colombia and the Americas. "