Intuitive Science
Empowering tomorrow's great minds to solve global challenges through accessible science education

In a nutshell
Many aspiring learners of advanced science struggle to visualise abstract ideas, causing them to develop misconceptions about the fundamental workings of nature. Flawed and inaccurate mental models of the world impede their problem solving and can lead to poor exam performance, course failure, or dropout. Interactive tools which help educators teach abstract concepts and scientific theories at a university level are rare, of low quality, and too often not easily accessible.

Intuitive Science offers a library of interactive digital learning experiences that breathes new life into science education.

Why is our technology important?
Intuitive Science wants to unlock the full potential of all learners by pioneering the most effective tools for mastering science. Leveraging powerful video game technology, we create real-time 3D simulations that engage learners and foster deep scientific intuitions. Our digital learning experiences guide users step by step through topics — instead of giving them yet another explanation, we put them in an environment where they can discover the answers for themselves.

The benefits of our solution
It is estimated that discovery-based digital simulations can improve student understanding by up to 40%. Many professors and teachers at EPFL — one of the world's leading universities — already use Intuitive Science to bridge the gap between real-world phenomena and the abstract representations used to describe them. Thanks to our online platform, learners are building the skills they need to excel – anyone wishing to understand science at an advanced level can now do so, in an affordable way and wherever they are.

Keywords
Education, Physics, Gamifications, Digital learning, Astrophysics, Visualisation, Learning, Simulations, 3D

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