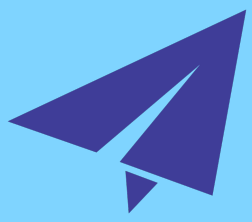
TECH TOOLS



PhET Interactive Simulations

The PhET Interactive Simulations project provides free, web-based, authentic, and interactive simulations that focus on math and science concepts from the elementary level through the university level. These simulations encourage inquiry, exploration, and content reinforcement for students and teachers alike.

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PHET INTERACTIVE SIMULATIONS

Summary

PhET simulations utilize interactive tools, making invisible concepts visible, with immediate cause-and-effect feedback. Covering physics, chemistry, math, earth science, and biology, PhET fosters deeper understanding by incorporating real-world connections, making it a valuable resource for teachers in the classroom.

Procedure

1. Go to https://phet.colorado.edu.
2. Select “Explore Our Sims.”
3. Browse by subject, or select a filter.
4. Select a simulation.
5. Select play or the large sim image to load the simulation.
6. Use the provided tools to explore the phenomenon.

PhET Interactive Simulations. (n.d.). Interactive simulations for science and math. https://phet.colorado.edu/