



collisions™

A digital chemistry game designed to give middle and high school students a deepened understanding of fundamental concepts while exploring the system of chemistry through play

Learning to Play = Learning Chemistry

The rules of Collisions are grounded in the rules of chemistry, so as students learn to play the game they simultaneously learn fundamental chemistry concepts.

Exploratory Environment

Collisions provides students with a safe space to make mistakes as part of the learning process.

Highly Interactive

Collisions makes abstract concepts tangible by allowing students to see and touch the building blocks of matter.

Systems Thinking

Collisions demonstrates how different chemistry concepts affect one another. Just like in chemistry, everything in the game is interconnected.

Flexible Implementation

Collisions can be used in a student-centered classroom, to introduce a lesson, and for extra practice or homework.

Enables Data-driven Decisions

Coming soon, a teacher dashboard will offer performance data to quickly identify student progress.

The Collisions: Play Chemistry app is available for iPad® and Android™ tablets, and a web version is available for desktops, laptops, and Chromebooks at www.playmadagames.com. Current content areas include Atoms, Ions, Ionic Bonding, Covalent Bonding, and Acids & Bases.