

SPACETIME EXPLORER



SPACETIME IS A 3D SPACE PHYSICS SANDBOX THAT RUNS RIGHT IN YOUR BROWSER. IT LETS YOU CREATE, SIMULATE, AND INTERACT WITH YOUR OWN UNIVERSE IN REAL TIME. WHETHER YOU'RE INTO ASTRONOMY, GAME-LIKE SIMULATIONS, OR JUST CURIOUS ABOUT HOW GRAVITY WORKS, SPACETIME GIVES YOU A FUN AND VISUAL WAY TO EXPLORE THOSE IDEAS.

YOU CAN SPAWN STARS, PLANETS, BLACK HOLES, AND MORE. EVERY OBJECT HAS REALISTIC PHYSICS—MASS, VELOCITY, GRAVITY—SO YOU CAN CREATE STABLE ORBITS, CHAOTIC SYSTEMS, OR MASSIVE COLLISIONS. WANT TO THROW A STAR AT A BLACK HOLE? GO FOR IT. CURIOUS WHAT HAPPENS IN A BINARY SYSTEM? TRY IT AND SEE.

THERE'S A CLEAN UI WITH EASY CONTROLS: DRAG TO MOVE AROUND, ZOOM IN/OUT, AND TWEAK TIME. YOU CAN SLOW DOWN, PAUSE, OR SPEED UP TIME TO OBSERVE CHANGES FRAME BY FRAME OR WATCH THINGS EVOLVE NATURALLY.

ONE OF THE HIGHLIGHTS IS THE SUPERNOVA MODE, WHERE YOU CAN SIMULATE THE EXPLOSIVE DEATH OF A STAR. IT'S VISUALLY IMPRESSIVE AND ALSO EDUCATIONAL—IT SHOWS HOW STARS END THEIR LIFE CYCLE AND SPREAD MATTER ACROSS THE UNIVERSE.

SPACETIME ISN'T JUST ABOUT EYE CANDY—IT'S ALSO A GREAT TOOL FOR LEARNING. IT BRIDGES THE GAP BETWEEN COMPLEX ASTROPHYSICS AND HANDS-ON EXPERIMENTATION. NO DOWNLOADS, NO INSTALLS—JUST OPEN THE SITE AND DIVE INTO SPACE.

MORE FEATURES ARE BEING ADDED REGULARLY, INCLUDING BETTER VISUALS, GALAXY-BUILDING TOOLS, AND MAYBE EVEN AI-POWERED SYSTEM SUGGESTIONS. SPACETIME IS PERFECT FOR STUDENTS, EDUCATORS, SPACE NERDS, AND ANYONE WHO LOVES EXPERIMENTING WITH THE COSMOS.