

# Create your own solar system online





## Overview

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How do I create a solar system?

Now, you can! This interactive online solar system creator allows you to dream up planets, moons, sun, and more. To create your solar system, use the “Add” button at the top to add new planets. Change the characteristics of each planet by using the buttons below the solar system model.

Can you create your own Solar System?

Now you can create by yourself your very own solar systems with awesome 3D renders and realistic gravity simulation. By just a finger touch, you can create new asteroids, planets, stars (even black holes!) and watch them interact and orbit in real time.

How do I submit a solar system?

You can also share a drawing of your solar system, or share your project on social media and tag us with #PHASSolarSystem @UBCphasoutreach on Instagram Some very cool solar system submissions below. Click on the link to see their codes! If you stop the project and click on all the planets/comets, this will line them up.

How do I add a moon to a planet?

You can add moons to the planets by selecting the planet and clicking “Center Planet” on the bottom right. Exit and return to the solar system by clicking “Center Sun.” Delete a single planet using the “Delete” button. Erase the entire solar system model using the trash can button at the top.

How many objects are available in the Solar System Simulation?

Explore the Solar System to your heart’s content. Hint: Add objects by using the Search bar in the simulation. There are approx. 1 Million objects available  
\*This Interactive 3D Simulation is built on data provided by NASA JPL HORIZONS database for solar system objects and International Astronomical



Union's Minor Planet Center.

How do you delete a solar system?

Exit and return to the solar system by clicking "Center Sun." Delete a single planet using the "Delete" button. Erase the entire solar system model using the trash can button at the top. To see the solar system in action, press the "Play" button at the top. Return to creator mode by pressing "Stop."



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### Celestia: Home

Celestia -- real-time 3D visualization of space The free space simulation that lets you explore our universe in three dimensions. Celestia runs on Windows, Linux, macOS, iOS and Android. Unlike most planetarium software, Celestia doesn't confine you to the surface of the Earth., Celestia doesn't confine you to the surface of the Earth.

### [Gravity Simulator , All Scenarios](#)

3D Gravity Simulator. Simulate the solar system, exoplanets and even colliding galaxies. Add, delete and modify planets, and change the laws of physics. Kepler-70 b and c - Worlds, Around a Dying Star, that Almost Touch



### [Build Your Own Solar System](#)

Build your own Solar system allows students to custom design a planetary system and study their creation. Build Your Own Solar System!  
Central Star: Planet 1: Planet 2: Name of Planet:  
Size of Planet: Eccentricity of Orbit: Semimajor Axis (in AU's): Name of

### Solar System Scope

Online 3D simulation of the Solar System and night sky in real-time - the Sun, planets, dwarf planets, comets, stars and constellations SPACE SHOP - to bring you your own SOLAR SPACE GEAR. Btw by purchasing anything from ...



### [Solar System Builder Binary Version](#)

Welcome to Solar System Builder! Here you can create your own solar system and watch it evolve. I've tried to be as scientifically accurate as possible in the simulation. Feel free to tell me if there's anything you want me to add that's not already included. Best viewed on fullscreen. Instructions: Set the star's temperature. Use the Choose Planet tab to insert up to 20 planets ...



### My Solar System

Build your own system of heavenly bodies and watch the gravitational ballet. With this orbit simulator, you can set initial positions, velocities, and masses of 2, 3, or 4 bodies, and then see ...



### Desmos Solar System Simulator and Calculator v2

matter how complex, There is also a calculator for habitable zone and other things. This can be used to simulate a solar system, planet, and even a galaxy. It can only give you habbitaby ranges for stable stars, and only 2 stars, or 1. You can do S, and O 1



[Create Your Own Solar System . RNLI Shop](#)

Description Product code: RS2412702 Take a trip into space and learn about planets, comets, satellites, and more with this create your own solar system wall chart, board game, and activity kit. Packed with fun facts and activities, this set also includes a board



[Mini Solar System by Soren G](#)

Create and shape your own solar system; from the smallest asteroid to the largest star. Mini Solar System is a real-time celestial simulation game in which you can mold and explore a solar system to your heart's content. Whether you decide to recreate our

**Solar System Maker**

Home > Mars > Solar System Maker This fun game allows students to create and print their own solar systems. They can specify planets, planet names, planet sizes, planet order, and whether or not planets have rings or moons.



**Solar System Scenarios**

3D gravity simulations of the solar system and its planets, moons, asteroids and comets powered by data from NASA. Explore the scorched surface of Mercury and the icy plains of Pluto. This app works best with JavaScript enabled.



## Sunsistemo

N-body simulator in 3D. Observe gravity in systems with a few bodies, the Solar System and more. The Sun Two Bodies Three Bodies Solar System Random Bodies Angular Momentum Angular with Bounce Choreographies About Two



## 3D Solar System Web

Beta 0.82 This is a 3D solar system simulation application, which gives you the approximate location of the planets in the solar system at different time, and some information about each one of them. This application uses HTML5 and WebGL. Version 0.82

## [Solar System Simulation V2](#)

Here's the second version of my solar system! Now you have scatter, play/pause, doomsday, and planet/sun info! Click on the planets or the sun to get some info, click on the asteroids to do [secret], click on play/pause to play/pause, and scatter to scatter the



## mySolar: Build Your Planets Play on CrazyGames

mySolar: Build Your Planets is a great game that allows you to effectively play god - you can build different planets and shape the universe as you see fit! Move around the universe and collect points so that you can build your planets. Home Recently played New



## Super Planet Crash

Learn more about real and hypothetical exoplanet configurations, and try to build your own stable system! hypothetical Design your own system Start from scratch. Jupiter Party Orbit Five Jupiter-mass planets sharing an orbit

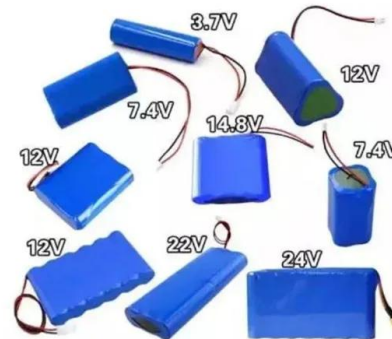


## [Tycho.io - Solar System Simulator](#)

A real-time, in-browser, interactive simulation of our solar system. Observe what the solar system will look like at any given point in time. Tycho.io - Solar System Simulator

## Universe Sandbox

The space tracker you can take anywhere. Track noteworthy space objects in your browser in a 3D simulation of the solar system Explore the Solar System to your heart's content. Solar System Sandbox 3D Web App Hint: Add objects by using the Search bar in



## My Very Own Solar System

My Very Own Solar System With My Very Own Solar System from Brainstorm Toys, you can explore the wonders of the universe from the comfort of your own room! This amazing remote-controlled, motorized mobile has eight detailed, colored, planets that orbit the full sun. Simply assemble the planets onto the three independent



### My Solar System

63 ?· Build your own system of heavenly bodies and watch the gravitational ballet. With this orbit simulator, you can set initial positions, velocities, and masses of 2, 3, or 4 bodies, and then see ...



50KW modular power converter



- Flexible Configuration**
  - Modular Design, Expanding as Required
  - Small/light, Wall Mounted
  - Installed in Parallel for Expansion
- Powerful Function**
  - Support PVH ESS
  - Grid Support, Equipped with SVG Technology
  - On-Grid and Off-Grid Operation
- Reliable Protection**
  - Outdoor IP55 Design
  - Sufficient Protection Functions Equipped

### Planet Builder

?With Planet Builder, you are the architect of your own solar system. Build planets and moons, and choose their attributes such as name, size, orbit speed, spin speed, tilt, rings, orbit distance, and appearance. Watch them orbit in real-time 3D, creating trails behind them as ...

### SpaceEngine

SpaceEngine is a realistic virtual Universe you can explore on your computer. You can travel from star to star, from galaxy to galaxy, landing on any planet, moon, or asteroid with the ability to explore its alien landscape. You can alter the speed of time and observe



### My Solar System

Make your own solar system by dragging bodies and the V symbol (V for velocity) or by typing into the initial settings table in the upper-left corner of the simulation. Distances, masses, and times ...



## Planet Families 2

In this solar system simulator players can create their own solar systems with multiple stars and planets. You can also add comets and asteroids to your simulation. How does this work? Gravity is universal. It isn't just the star that pulls on the planets: the This



## Planet Sandbox

Planet Sandbox is a fascinating galaxy design clicker game in which you will have the opportunity to create your own solar system from scratch. Have you ever heard of a galaxy architect? Some may call it God, but today, thanks to this free online game, you will be the person in charge of creating an entire galaxy full of orbiting planets with their own satellites and special features.

## Contact Us

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