

Build your own planet





Overview

How do I create a planet?

On the top Menu Bar, you will find a 'Planetary Data' option. Use this information to 'create' a planet with similar conditions to a known planet. You will know you have succeeded if the planet appears! These instructions can be accessed again from the menu bar, using Resources → Getting Started.

How do you make a habitable planet?

Your goal is to make a habitable planet by adding enough Water, Atmosphere and Clouds to reach a global average temperature of about 15°C (59°F). You can mix and match, add or remove. Click an item from the right side (red panel) to add that element HINT You must put at least 3 clouds by the planet!!.

How do you remove a planet from a solar system?

Instructions : Drag and drop new planets around the Sun. Drag them to re-position, or drop them to the right side to remove. What is a Solar System?

A solar system comprises of a star and all the celestial bodies that travel around it - planets, moons, asteroids, comets. Some solar systems may even have two stars. What is a Star?



Build your own planet



Solar System Maker

They can specify planets, planet names, planet sizes, planet order, and whether or not planets have rings or moons. View Activity Advertisement. Remove ad. Related activities. Advertisement. Remove ad Make Your Own Games and Activities! NEW; Sports Learning Games - 33 Interactive Games that Combine Sports Themes with Math Skills

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 ...



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 them orbit each other.



Make a Livable Planet

Your goal is to make a habitable planet by adding enough Water, Atmosphere and Clouds to reach a global average temperature of about 15°C (59°F). You can mix and match, add or remove. Click an item from the right side (red



panel) to add that element Click an item in the left to remove that element HINT You must put at least 3 clouds by the



[Galaxy Makers , Design your own Universe!](#)

If you are having trouble using the holograms, check out this page for more information on how to use them and create your own! I have a code! Create a universe! Make a random galaxy! Make a random universe! Follow us on Twitter! Tweets by DarkerMatters.

Universe Sandbox

Create Your Own Systems. Start with a star then add planets. Spruce it up with moons, rings, comets, or even a black hole. Or move the Earth farther from the Sun and freeze the entire planet. Learn more. Supernova a Star. Make a star ...



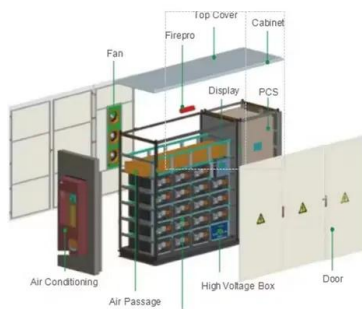
[Build Your Own Solar System](#)

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: Note: For less than 4 planets, enter "no planet" in the name field. Return to the Astronomy Workshop.



Run Scratch projects faster

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 ...



Design Your Own Planet , Activity , Education

After imagining their journey through their planet, ask your child what ways they can adjust their design. For example, ask questions like, "What do you want to change about your planet? What do you wish your planet had?" Have your creator make any changes they find necessary. Challenge designers to share their planet. They can record a

Terranova: Planet Maker

Higher values make ice sheets that cover more and more of the land surface, simulating planets in the midst of an extreme ice age. Lower values tend to be boring, resulting in unrealistic geometrically-precise ice cap boundaries. Star Density: 50: 75: 0: 1000: In planet and star field images, field stars are placed randomly with a density given



Universe Sandbox

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Super Planet Crash

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. Earth Party Orbit Five Earth-mass planets sharing an orbit.



Create a New Planet

Planet: Arrakis In Dune, author Frank Herbert created the planet Arrakis as part of the universe that the story takes place in is located on the edge of the solar system, far away from the other major planets. It has two moons. This is a harsh desert planet, made of mostly rock and sand.

Build A Planet

On the right, you see a planet. Try adjusting the sliders on the bottom to see how you can vary conditions on the planet to create a radiation balance. On the top Menu Bar, you will find a 'Planetary Data' option. Use this information to 'create' a planet with similar conditions to a known planet. You will know you have succeeded if the planet





Creating a planet

This is the main planet tag, which describes the planetary body. Other possible body types are described by changing the name of the tag:
Planet - normal planet DwarfPlanet - dwarf planet
Moon - normal moon DwarfMoon - dwarf moon (minor irregular-shaped moons)
Asteroid - asteroid Comet - comet Star - star (sun)
Barycenter - barycenter of binary stars or binary planets



Planet Clicker , Build Your Galactic Empire One Click at a Time

Planet Clicker, the ultimate idle game where you build a galactic empire one click at a time. Expand your universe, and unlock new planets in this fun, strategic adventure. Start clicking today!



Planet Families 2

Planet Families 2. Thanks to NASA missions, we now think that most stars have planets, which means there could be tens of billions of solar systems in our Milky Way galaxy alone. 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

Planeta on Steam

Planeta is a planet-building game where you can create and customise your planet as you wish! In the start you will start from the blank planet only water surrounding it. You will have to build your planet. Main goal is to create conditions for humans to live and build a rocket ship and fly to the moon! 5 Main things in the Game!





Make a Livable Planet

Make a Livable Planet. EXPLORE MORE! The aim of this applet is to teach about the balance of global water, land coverage, atmosphere and cloudiness required to create a "liveable planet".

...

Build a Solar System Model

To mark a planet's place you can use a piece of paper on a post that you stick into the ground, or you can use a flag, or even a person. Be prepared for a long walk! If you build your solar system on a roll of toilet paper, you can make the Sun about .4 inches (10 mm) across and still fit the entire solar system on the roll.

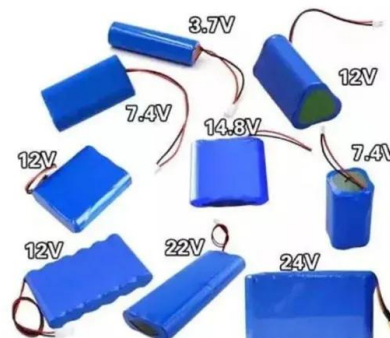


ProcGenesis

View your world in 3D as a planet or a rectangular plane. Simple Height Map Viewer. Convert a 2D heightmap to a 3D image. Utilize gradient color mapping and an adjustable sea level. LanguageGen. Generate naming-languages with procedural traits. Give your languages a sense of history by creating descendent languages and diagramming language

Design your Earth

Rate of volcanism on the planet relative to the Earth (between 0 - 1000). Earth value = 1.0.
Habitable zone: Position within the habitable zone (between 0 - 1). Orbiting on the inner edge (closest to the star) = 0, Earth value = 0.19.
Planet building ...





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[Build Your Solar System , SimPop](#)

Drag and drop planets and comets around the Sun to create your own solar system. Learn about the components of a solar system, stars, planets and comets with this fun and educational ...

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