



STARDUST

A WHOLE UNIVERSE AT YOUR FINGERTIPS

TEAM ERRANTE



STARDUST

USER NAME:

PASSWORD:

[FORGOTTEN PASSWORD?](#)

SIGN UP

LOG IN





James Webb: New star discovered! <
Estella: Beware! a good star is the key to a good start! <



STAR MAKER!

Create and Customize your Star! Provide energy to your system! Discover Our Universe!

YOUR STAR



NAME IT!

STR A

SPECTRAL CLASS:

{-type

LUMINOSITY, L_{\odot} :

1.8

SIZE, R_{\odot} :

5.4

Search!

HD 166

{-type

Galaxy:

L_{\odot} 0.889

Andromeda

R_{\odot} 0.889



User Name

999.999 SD

Habitable Zone

Estella: What kind of planet do you want? <

Frost Line

MY PLANET



Orbital Data

Eccentricity	0.07
SMA	1.3 A.U.

Planet Data

Mass	1.5 M _E
Radius	1.47 R _E
Revolution	26.54 h
Tilt	22°

Feed your planet



Mass	0.5 M _E
Composition	Fe 70% - C 20% - Si 10%

Price 500 SD



Mass 0.4 M_E

BUILD YOUR WORLD!

Make your way through the stars and build your ideal planet. Earn STARDUST and improve it!



1.502 B. Yrs



User Name

999.999 SD

Probability of Life

Probability of Satellite

Estella: How to increase life probability <
NASA: Space Apps Challenge starts next week! <

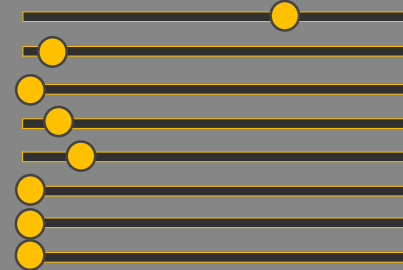
MY PLANET



Composition

Atmosphere

CO₂
CH₄
O₂
C₂H₆
N₂
CO
H₂O
N₂O



Add elements

Volcano 1000SD
Tectonic Plates 3000SD

Create events

Earthquake 3000SD

TAKE CARE OF YOUR PLANET

Not every planet can host life. Add features and increase the possibility to develop life form! And remember... anything can happen!



5.352 B. Yrs



User Name

999.999 SD

Probability of Life

Probability of Destruction

Estella: Asteroids: learn more <



ALL GOOD THINGS COME TO AN END

Oops! An asteroid is going to crash with you...
but you can always start again.

MY PLANET



Composition

Atmosphere

Orbital parameters

Asteroid data



Mass = 0.8 M_E

$V_{rel} = 8.2$ km/s



WARNING !

0.403 B. Yrs