TRUNOCTACRAFT

Guide card V1.2.1

TrunOctaCraft · CyberLeo Games. A Minecraft-style building and digging game whose whole world is made of truncated octahedra and their pieces. Play in the browser on a computer, a phone or with a PS5 controller.

PLAY
cyberleogames.com

The idea WALK · DIG · BUILD

- As the Crystal Miner you roam an endless world: meadows, forests, lakes, crystal mountains, deserts and bogs, and underground caves, lava, glowing mushrooms and, deepest of all, **diamonds**.
- **Break** pieces with the pickaxe and **build** your own buildings from 32 blocks and six shapes. Ordinary blocks never run out.
- Mined crystals and ores go into your **backpack**, and you craft rare blocks from them.
- In the **new game** window you pick a name, a game mode (**Adventurer** or **Builder**), a character and a seed. The game is saved in the browser, and three save slots hold your own games.

Keyboard and mouse COMPUTER

W A S D	walk (arrow keys too)
Space	jump · swim up in water
Mouse: drag	look around · double-click locks the mouse, Esc frees it
Left	break a piece · hit a lava troll
Right E	build · B off: use a bed, chest, door, lamp, fireplace
Wheel 1–0	choose a block
R	change shape (Shift+R back) · middle button too
T F	turn the piece
B	build mode: the piece shows all the time
G 2× Space	hover: Space up, Shift or C down
Z	undo the last action
X	put the tools away / back in hand
P V	camera in the eyes or behind the character
L	head lamp: auto · always on · off
K	big map
I	backpack and crafting
J	goals and achievements
H	the game's own guide card on / off
M	sound on / off
O	full screen
N	start the world over
Esc	close a window, panel or the map

PS5 controller CREATE SHOWS AND HIDES THE GUIDE IN THE GAME

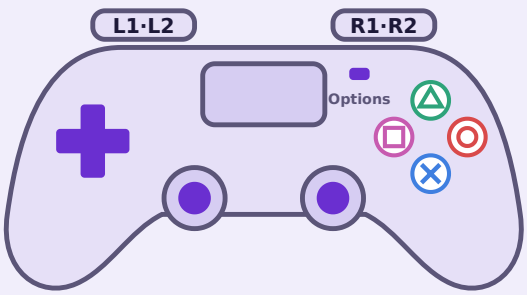
L2
build · build mode off: use an object

L1
previous block (◀ too)

Left stick
walk

L3
hover on / off

▲ ▼
▲ camera · ▼ build mode



R2
break

R1
next block (▶ too)

△ ○ □ ×
△ shape · ○ turn · □ undo · × jump / swim / hover up

Right stick
camera · R3 tools, hover down

Options · Create
menu · guide · touchpad: map

In the menu ▲ ▼ move, × selects, ▶ opens a section, ◀ and ○ go back.

Game modes CHOSEN WHEN YOU START A NEW GAME

Adventurer (Seikkailija)

Only the blocks you have collected by breaking. Lava trolls underground, night hiisi on the surface at night. Day, evening and night: build a shelter before dark.

Builder (Rakentaja)

Every block available, always day and every character friendly. Eight blueprints in the menu (cabin, tower, bridge, lighthouse ...) give you ideas.

CyberLeo, the Crystal Wizard and the Mining Robot roam the world as friends. 14–16 goals depending on the mode.

Phone and tablet TOUCH SCREEN

Left stick	walk
Drag the screen	look around
Break · Build	break · hold Build: ghost piece, release: place
Shape · Turn	change the shape and turn it
Jump · Hover	jump · when hovering, Jump goes up and Down down
Undo	undo

Top right: ☰ Menu and ? Help. The game is in English and Finnish (Settings → Language).

Enemies and hearts

- You have ten hearts. **Lava trolls** attack in the caves if you get too close: **three blows of the pickaxe** bring one down.
- **Night hiisi** roam the surface at night. They cannot climb or break blocks, so a shelter helps. Two blows drive one off.
- If your hearts run out you faint and wake up in the village; the backpack stays. In Builder everyone is friendly.

Building shapes R CHANGES · T/F TURNS

Whole	the full truncated octahedron
Cube	a cube-shaped piece
Half	the flat face turns to you; R locks it up, down or sideways
Hexagon half	a half cut along a hexagon face
Quarter	a quarter of a piece
Eighth	the smallest piece for fine building

Breaking makes a neat cube-sized hole. Two on top of each other make a tunnel. Plants, leaves and thin wood come off with one hit.

Backpack and crafting KEY I

2 gold + crystal	→	**gold crystal**
Crystal + blue crystal	→	**2 amethysts**
Crystal + iron	→	**blue crystal**
Glow mushroom + coal	→	**2 crystals**
Lava heart	→	**4 lava**
4 coal + lava heart	→	**diamond**

Building with rare blocks uses up your backpack. You get a lava heart by beating a lava troll.

Menu ☰ VALIKKO OR OPTIONS

Map · Backpack · Goals	K, I and J from one list
Blocks · Treasures	every block in every shape · where treasures are found
Blueprints	in Builder: ghost pieces show where the blocks go
Actions	hover, build mode and undo
Character	change character · dress the Crystal Miner
Settings	sound, music, head lamp, camera, quality, renderer and guide card
World	enemies, passing of time and start over
Saving	save and load in three slots · new game

Tips

- A yellow outline shows what a hit will remove. Digging reaches a 3×3 area in front of you.
- Hover (G) up – falling never hurts.
- The minimap shows a cave map underground. In the big map, drag and zoom with the wheel.
- Buildings have a bed (sleep through the night), chest, door, lamp and fireplace. Slow computer? Settings → Quality: low.