

# BITCOIN 101

The only digital asset with no CEO, no HQ,  
no marketing team, and no second chance.

[FRONT]

## 🧠 Bitcoin in 3 Dots

- Money you hold yourself
- Limited and can't be printed
- Works without banks or borders

## 💬 What Makes Bitcoin Different?

- 🌐 No borders
- 🔒 No gatekeepers
- 🔄 No reset button
- 👤 No leader
- 📢 No marketing
- 🏗️ Built once, never rebuilt

## 🏠 I Own Bitcoin – Now What?

Bitcoin isn't just a **savings technology**. It's also the best collateral on Earth to borrow against.

Because Bitcoin grows in value over time and can't be easily seized, you can use it to:

- 🔒 Secure a loan without selling your Bitcoin
- 💰 Borrow against it to get dollars (stablecoins)
- 🏠 Later, repay with less Bitcoin

In some cases, you can borrow at low interest and your Bitcoin gains cover the loan costs.

It's like taking out a loan that repays itself – while you keep your BTC.

Don't overdo it – leverage can also cause you to lose your Bitcoin! We recommend a max healthy loan to value ratio of 25%.

Learn how at: [bitcoinonepager.com/loans](https://bitcoinonepager.com/loans)

## 📅 Bitcoin Timeline

- 📄 **2008** – Bitcoin whitepaper released
- ⛏️ **2009** – Network live, Genesis Block mined
- 💰 **2009** – 1,309 BTC = \$1 (first exchange rate)
- 🍕 **2010** – 10,000 BTC buys two pizzas
- 🖨️ **2012** – First halving (50 → 25 BTC)
- 📈 **2013** – Price hits \$1,000
- 🔥 **2016** – Second halving (25 → 12.5 BTC)
- 🚀 **2017** – Price hits \$20,000
- 🔗 **2020** – Third halving (12.5 → 6.25 BTC)
- 📊 **2021** – First Bitcoin Futures ETF approved
- 📰 **2024** – Spot ETFs approved by SEC
- ⚡ **2024** – Fourth halving (6.25 → 3.125 BTC)
- 🌐 **2025** – BTC breaks \$100,000

## 🔧 How to Get Started

1. 📱 Download a wallet (BlueWallet, Muun)
2. 🏪 Buy Bitcoin (Cash App, Strike, Swan)
3. 🗑️ Securely store your recovery phrase (don't store it online)

## 😬 Who is Satoshi Nakamoto?

- 🧠 Created Bitcoin in 2008
- 👤 Vanished in 2011
- ✉️ Communicated only through emails and forums
- 🏠 Never profited, never returned, never revealed

*That disappearance is part of what makes Bitcoin **unstoppable**.*

## 🧠 What You Need to Know

### What is Bitcoin?

🖨️ A digital form of money that anyone can use, anywhere in the world, without any middlemen or banks.

### Who Created It?

👤 Satoshi Nakamoto – an anonymous figure who disappeared back in 2011.

### Who Controls It?

🌐 No one. Bitcoin runs on over 17,000 independent computers (nodes).

### How Does It Work?

🏠 Transactions are grouped into public “blocks” and linked forever (mined).

### How Much Exists?

🌐 Only 21 million bitcoins will ever exist – coded in permanently.

### Why Do People Buy It?

- 🏠 Hedge against inflation
- 🌐 Digital gold with fixed supply
- 🏠 Store wealth privately (then borrow)
- 🌐 Borderless, censorship-resistant money

## 🔗 Bitcoin is open-source code – but it can't be repeated. Here's why:

- 🚫 No pre-mine
- 👤 No insiders or team tokens
- 📅 No price for over a year
- 🍕 First trade was for pizza, not profit
- 👤 Creator disappeared
- 🏠 No foundation, company, or central control
- 📢 No marketing campaign – just an idea that spread on its own
- 🌐 One can copy the code, but they cannot copy its network effect

*Every other coin has fingerprints. Bitcoin doesn't.*

DOWNLOAD OR ORDER LAMINATED COPIES: [BITCOINONEPAGER.COM](https://bitcoinonepager.com)

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## 🧠 Critiques & Misconceptions

### 📉 "It's too volatile."

True – early technologies are. Bitcoin is still being adopted.

### 💡 "It wastes energy."

Mining uses the cheapest energy it can find – mainly "stranded" or renewable power. Greener than banking or gold.

### 👛 "You can lose your Bitcoin."

Yes – because you own it. Self-custody = self-responsibility.

### 💰 "It's not real money."

Bitcoin is math-based, scarce, and programmable. Fiat money is political and unlimited.

## 🔧 What Is Bitcoin Mining?

Mining is how Bitcoin transactions get verified and added to the blockchain. It is the only way to get Bitcoin without it coming from someone else.

- 🧠 Computers solve puzzles
- 🔧 Add blocks to the chain
- 👛 Win new bitcoin (block reward)
- ⌚ Happens ~every 10 minutes

*It's like a global competition to keep the network running—and secure.*

## 👤 Who Can Mine Bitcoin?

Anyone. Bitcoin mining is permissionless by design. The more people that mine, the more difficult it gets thanks to the 🔧 **Difficulty Adjustment**. All you need to mine is:

- ⚙️ A computer with specialized hardware (ASIC miner)
- ⚡ Electricity (ideally cheap and consistent)
- 🌐 Internet connection
- 📁 Mining software (free and open-source)
- 👛 Optional: Join a mining pool to earn more frequent rewards

*No licenses. No sign-ups. No corporate approval. Just plug in and go.*

## 👛 Why Mining Matters

*Mining is how Bitcoin enforces its rules – mathematically.*

- 🌐 Replaces financial middlemen: Miners validate transactions and secure the network—no banks, no processors.
- 👛 Enforces the rules: Honest miners get rewarded. Dishonest ones are ignored. Consensus is automatic.
- 🌐 Decentralizes control: Anyone can participate from anywhere. No government or company decides who can mine.
- 🔧 Keeps Bitcoin neutral: Mining isn't political or personal. It's math, incentives, and open competition.

## 💡 What Problem Bitcoin Solves

### The Problem

Billions of people live under unstable currencies, frozen accounts, or unreliable banks. Inflation erodes savings. Control is centralized.

### The Bitcoin Fix

Bitcoin lets anyone, anywhere:

- 👛 Store wealth privately
- 🌐 Transfer money globally
- 🚫 Operate without banks or permission

*A neutral monetary network. No middlemen / rulers.*

## 🔧 Difficulty Adjustment

Every ~2 weeks, the network auto-adjusts the mining difficulty based on how many miners are competing.

- ⌚ Keeps block timing steady (~10 min)
- 📈 Adapts to demand
- 🌐 Fully decentralized

*Bitcoin tweaks itself to adjust to network conditions.*

## 🔪 The Halving

Every 4 years, new Bitcoin issuance is cut in half. This keeps supply predictable and capped at 21 million.

2009 → 50 BTC  
2012 → 25 BTC  
2016 → 12.5 BTC  
2020 → 6.25 BTC  
2024 → 3.125 BTC  
2028 → 1.5625 BTC (next)

*Built-in scarcity. No central bank required.*

## 📖 Learn More / Go Deeper

Check out our website  
[bitcoinonepager.com](https://bitcoinonepager.com)

