



DOPE CREDITS - Whitepaper

1. Introduction

Overview

Dope Credits (DOPE) is a blockchain-based staking and gaming ecosystem built on the Stellar network. It introduces a simple yet powerful model where users can earn through daily staking, play knowledge-based trivia battles, and contribute to a continuously deflationary economy. Every interaction—staking, playing, or sponsoring—drives the token's growth while rewarding genuine community participation.

Vision

The vision behind DOPE is to make blockchain participation fun, educational, and economically sustainable. Rather than relying on hype or speculation, DOPE builds its value through an active cycle of learning, competition, and continuous token burns. It aims to become the first “play-to-earn and promote-to-burn” ecosystem on Stellar, where users learn about blockchain while fueling a healthy token economy.

Mission

To gamify blockchain adoption through rewarding trivia battles and transparent staking mechanisms, creating an ecosystem that educates players, empowers projects, and strengthens the Stellar community through real deflationary economics.

Problem Statement

Most reward-based projects face two major issues: unsustainable inflation and low engagement. High-yield systems often print excessive tokens, quickly devaluing their economy. Meanwhile, play-to-earn platforms lose traction when gameplay becomes repetitive or profit-driven instead of fun.

Solution

Dope Credits solves this through a closed-loop model that combines staking, gaming, and sponsorship. Staking rewards are distributed daily through audited smart contracts, trivia games keep users engaged, and sponsor fees are permanently burned—ensuring that the more the platform grows, the scarcer the token becomes. The result is a self-funding, deflationary system where every round played and every sponsorship purchased supports the ecosystem's long-term value.

2. The Dope Ecosystem

Core Components

The Dope Credits ecosystem is built around three simple, connected pillars:

1. **Staking** – Users earn daily DOPE rewards through Soroban smart contracts.
2. **Gaming** – A trivia-based competition where players test their blockchain knowledge and win DOPE.
3. **Sponsorship** – Projects can sponsor trivia rounds using DOPE tokens, which are then burned, helping the token grow scarcer over time.

Together, these components create a circular economy where staking generates rewards, gaming drives participation, and sponsorship fuels deflation.

Ecosystem Flow

The Dope Credits system operates through a continuous, transparent cycle:

Stake → Play → Win → Burn → Grow

- **Stake:** Users stake DOPE to earn automated daily rewards.
- **Play:** Players compete in trivia rounds every 15 minutes.
- **Win:** Winners receive DOPE prizes instantly.
- **Burn:** Sponsors pay DOPE to feature their project; the tokens are permanently removed from circulation.
- **Grow:** As participation and burns increase, token scarcity and community activity rise together.

Participants

The ecosystem brings together three main participant groups:

- **Players:** Join trivia battles to win DOPE and learn about blockchain.
- **Sponsors:** Promote their projects or brands by sponsoring trivia rounds.
- **Holders:** Stake and hold DOPE to earn passive income and benefit from the deflationary model.

Built on Stellar

Dope Credits runs on the Stellar blockchain and Soroban smart contracts, ensuring every interaction is fast, affordable, and transparent.

Stellar's proven reliability and Soroban's programmable contracts make it ideal for automating staking rewards, game results, and token burns in real time.

This combination of simplicity, automation, and on-chain transparency allows DOPE to function as a sustainable token economy where every activity directly contributes to long-term growth.

3. Tokenomics

Token Overview

- **Token Name:** Dope Credits
- **Ticker:** DOPE
- **Network:** Stellar
- **Total Supply:** 1,000,000,000 DOPE

DOPE is the native token powering the entire Dope Credits ecosystem. It serves as the medium for staking, gameplay rewards, and sponsorship burns—all designed to maintain a deflationary and self-sustaining economy.

Distribution

The total supply of 1 billion DOPE is allocated as follows:

- **88% (880,000,000)** – Staking Rewards
- **8% (80,000,000)** – Available for sale
- **2% (20,000,000)** – Liquidity Pools
- **2% (20,000,000)** - Airdrop

This distribution ensures that the majority of tokens are used to reward community participants while maintaining adequate liquidity and initial funding for development and operations.

Emission Model

The staking contract distributes rewards daily based on tiered rates ranging from **0.02% to 0.06% per day**.

This controlled release model ensures that token emissions remain predictable and sustainable over many years.

Tier	Staked Amount (DOPE)	Daily Rate	Annual Yield
Tier 1	1,000 – 999,999 DOPE	0.02%	7.3%
Tier 2	1,000,000 – 2,499,999 DOPE	0.03%	10.95%
Tier 3	2,500,000 – 4,999,999 DOPE	0.04%	14.6%
Tier 4	5,000,000 – 9,999,999 DOPE	0.05%	18.25%
Tier 5	10,000,000+ DOPE	0.06%	21.9%

Rewards are distributed automatically every 24 hours through smart contract logic, allowing users to claim or restake at any time without manual intervention.

Deflation Model

While staking introduces controlled emissions, every trivia round and sponsorship event actively removes tokens from circulation:

- **Sponsorship Burns:** Projects sponsor hourly trivia rounds for \$5 in DOPE, which is 100% burned.
- **Continuous Play:** With 72 rounds per day, daily burns average 80,000 DOPE, while daily emissions from rewards average 7,200 DOPE—making the ecosystem strongly deflationary.
- **No Inflationary Minting:** All tokens are pre-minted; no new DOPE can ever be created beyond the initial 1 billion supply.

Sustainability

The Dope Credits tokenomics model is designed for long-term health:

- Controlled daily emissions ensure staking remains rewarding yet balanced.
- Frequent sponsor-driven burns constantly reduce circulating supply.
- Active community participation directly supports token scarcity and demand.

This design creates a continuously tightening supply curve—where growth, gameplay, and community activity all contribute to long-term value appreciation.

4. Staking System

Overview

The staking feature lies at the core of Dope Credits' economy. It enables users to earn daily DOPE rewards in exchange for holding and supporting the network. All staking operations are powered by **Soroban smart contracts** on Stellar, ensuring full transparency, automation, and zero manual intervention.

Reward Structure

The system offers five flexible reward tiers based on the amount of DOPE staked. Rewards are distributed every 24 hours automatically, and users can withdraw or restake at any time.

Tier	Staked Amount (DOPE)	Daily Rate	Annual Yield
Tier 1	1,000 – 999,999 DOPE	0.02%	7.3%
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Tier 5	10,000,000+ DOPE	0.06%	21.9%

This tiered model balances accessibility for smaller holders and higher returns for long-term supporters, without creating inflationary risk.

No Lock-Up Policy

Dope Credits follows a **no lock-up** staking approach—users can stake or withdraw at any time without penalties. This promotes liquidity, flexibility, and constant participation from the community.

Automated Reward Distribution

All rewards are calculated and distributed through Soroban contracts every 24 hours. The process is entirely on-chain, removing the need for manual claims and ensuring that every transaction is verifiable and immutable.

Transparency and Security

- **Smart Contract Verified:** Every staking transaction is recorded on Stellar's public ledger.
- **Fair Calculations:** Rewards are generated solely through predefined rates—no hidden algorithms or off-chain control.
- **User Control:** Stakers maintain full ownership of their funds; the contract only reads balances for reward calculation.

Summary

The staking system establishes the foundation of DOPE's utility—simple, transparent, and reward-driven. It powers the daily gameplay economy by keeping tokens actively circulating while maintaining a predictable, sustainable emission schedule that supports long-term deflationary growth.

5. DopePlay – Trivia Battles

Concept

DopePlay is the gaming layer of the Dope Credits ecosystem — a 15-minute, trivia-based tournament designed to educate, entertain, and reward players with DOPE tokens. It transforms blockchain learning into a competitive experience where knowledge and speed determine the winner, not luck or random mechanics.

Each round brings together **16 participants** who compete head-to-head through multiple stages until a single champion remains. The winner of each tournament receives **100 DOPE**, funded by the platform's daily reward emissions.

Game Structure

- **Players per Round:** 16
- **Format:** 1-versus-1 knockout
- **Stages:** Round of 16 → Quarter-Final → Semi-Final → Final
- **Questions per Match:** 10
- **Answer Window:** 10 seconds per question
- **Break Between Questions:** 5 seconds
- **Tie-Breaker:** Player with the faster correct-answer time advances
- **Total Round Duration:** ≈ 15 minutes

Example Gameplay Flow

1. **Signup Phase (2 minutes)** – Up to 16 players join the upcoming round.
2. **Match Phase (10 minutes)** – Players face off in rapid 10-question trivia duels.
3. **Elimination (2 minutes)** – Winners advance automatically through the bracket.
4. **Final Match (1 minute)** – The two best players compete for the 100 DOPE prize.

With 3 rounds running every hour, DopePlay hosts **72 tournaments per day**, providing constant opportunities for users to play and earn.

Question Bank

Trivia questions are kept simple, educational, and blockchain-focused — covering topics like Stellar, Bitcoin, Ethereum, and general crypto fundamentals.

Examples include:

- *What is the minimum wallet activation fee on Stellar?*
- *What consensus mechanism powers Bitcoin?*

- Which blockchain introduced smart contracts first?

The database is continuously updated to maintain variety and fairness across matches.

Fairness & Anti-Cheat Measures

- **Server-Side Validation:** Questions and correct answers are processed on the backend to prevent tampering.
- **Randomized Question Sets:** Each match receives a unique sequence to avoid repetition.
- **Time-Limited Answers:** 10-second response windows ensure equality and prevent scripting.
- **One Entry per Wallet per Round:** Eliminates spam participation.

Rewards

- **Winner Reward:** 100 DOPE per tournament.
- **Distribution:** Automatically sent via Soroban smart contract immediately after the final match.
- **Entry Fee:** Free - Should have a DOPE trustline to play

Educational Impact

Beyond entertainment, DopePlay helps players learn core blockchain concepts through repetition. Every round strengthens awareness of Stellar and crypto fundamentals, fostering both user retention and ecosystem literacy.

Continuous Engagement

DopePlay operates 24/7, maintaining a constant rhythm of 15-minute rounds and 5-minute intervals between tournaments. This steady cycle keeps the ecosystem active, drives demand for DOPE, and provides sponsors with recurring visibility opportunities every single hour.

6. Sponsorship & Burn Economy

Overview

Sponsorship is the backbone of Dope Credits' deflationary design. It allows Stellar-based projects and creators to promote their brands directly inside the DopePlay trivia tournaments. Each sponsorship payment is made in DOPE tokens and is **sent to the issuing address**, effectively removing those tokens from circulation and reducing the total supply.

How Sponsorship Works

- **Sponsorship Slots:** Each sponsorship covers **three trivia rounds** (roughly 20 minutes each, totalling one hour).
- **Cost per Hour:** \$5 worth of DOPE tokens, converted at the current market rate.
- **Payment Destination:** All sponsorship payments are automatically routed to the token's issuing address, ensuring a transparent and permanent burn.
- **Visibility for Sponsors:**
 - Sponsor name and logo appear during match breaks and winner screens.
 - Banners show "Sponsored by [Project Name]" throughout the round.
 - Optional links can direct users to the sponsor's project or marketplace listing.

This system gives Stellar projects an affordable, impactful way to reach engaged blockchain audiences while supporting a deflationary cycle for DOPE.

Burn Transparency

Every sponsorship transaction is recorded on-chain and visible through Stellar's public ledger. The Dope Credits website will maintain a **live burn tracker**, displaying:

- Total DOPE sent to the issuing address
- Daily burn volume
- Recent sponsors and their active slots

This ensures full transparency, giving the community visible proof of how sponsorships continuously reduce circulating supply.

Long-Term Benefits

- **Constant Buy Demand:** Sponsors regularly acquire DOPE to secure hourly slots.
- **Deflationary Token Supply:** Every sponsorship decreases the available supply permanently.
- **Aligned Incentives:** Players earn, sponsors promote, and the token economy grows stronger with every hour of play.
- **Marketing Value:** Sponsors receive direct exposure to hundreds of active players in each hourly cycle.

Summary

Sponsorship in DopePlay is more than advertising—it is the **engine of DOPE's deflation**. Each hour of gameplay burns tokens, supports partner visibility, and strengthens the token's long-term value across the Stellar ecosystem.

7. Utilities & Ecosystem Growth

Overview

Dope Credits (DOPE) offers a clear, functional set of utilities that combine earning, engagement, and promotion. Each token movement within the ecosystem—staking, playing, or sponsoring—drives value back into the token economy. Rather than existing as a speculative asset, DOPE is built for active use and long-term participation.

Staking Utility

Holders can stake their DOPE to earn daily rewards through an automated Soroban smart contract. The staking system promotes consistent participation and keeps tokens actively circulating while maintaining predictable, sustainable yields.

Gaming Utility

Players use DOPE within **DopePlay**, the trivia-based gaming hub that runs 24/7. It rewards knowledge, speed, and consistency with DOPE prizes every round. As users participate, gameplay volume generates continuous community activity, helping maintain demand for the token.

Sponsorship Utility

Projects, influencers, and brands can sponsor rounds of DopePlay to reach a blockchain-savvy audience. Sponsorship payments are made in DOPE and sent directly to the issuing address, permanently removing those tokens from circulation. This creates ongoing buy pressure and a steady deflationary effect, aligning project growth with token scarcity.

Educational Utility

Every trivia question in DopePlay is based on real blockchain knowledge. As players compete, they naturally learn about Stellar, Bitcoin, Ethereum, and other blockchain networks. This turns gameplay into an educational experience that strengthens awareness across the ecosystem.

Ecosystem Growth

Dope Credits is designed to expand organically through collaboration:

- **Partnership Integrations:** Future support for external tokens and Stellar-based projects to host their own sponsored trivia rounds.
- **Cross-Platform Visibility:** Integration of sponsor data and burn counters across community dashboards and partner sites.
- **Progressive Updates:** New trivia topics, seasonal tournaments, and additional utilities that enhance token use over time.

Summary

Every action within the Dope Credits ecosystem supports growth, scarcity, and education. Staking rewards the holders, gaming engages the players, and sponsorship fuels token burns—all working together to build a sustainable and expanding economy within the Stellar network.

7. Sustainability & Economics

Overview

The Dope Credits ecosystem is engineered for long-term sustainability through a self-contained economic loop. Every token emitted through staking or gameplay is balanced by continuous burns from sponsorships. This ensures that network growth and user participation never lead to uncontrolled inflation.

Self-Funding Model

Unlike conventional reward systems that rely on reserve depletion or new token minting, Dope Credits operates on a **self-funding cycle**:

- Staking emissions supply the rewards for daily gameplay.
- Trivia participation drives engagement and community retention.
- Sponsorship payments—sent directly to the issuing address—remove tokens from circulation.

This cycle allows the ecosystem to sustain its operations indefinitely without external funding or new token creation.

Continuous Deflation

The burn system is continuous and transparent. As sponsorships occur around the clock, DOPE tokens are consistently removed from supply. Because emissions are tightly capped and predictable, overall supply decreases over time, creating a deflationary trend that rewards long-term holders and active participants alike.

Balanced Emissions

The staking contract enforces fixed daily reward tiers, ensuring token output remains steady and measurable. This stability allows DOPE to function as a predictable, inflation-controlled asset within the Stellar ecosystem. The longer the ecosystem runs, the greater the ratio of burned to circulated tokens becomes.

Scalable Design

DopePlay's trivia tournaments are lightweight, automated, and endlessly repeatable. As player numbers and sponsorships grow, total burns increase proportionally, but emissions remain constant. This ensures that scaling the user base strengthens the token rather than diluting it.

Longevity

The token allocation and emission structure were designed to support over a decade of sustainable operations. By coupling moderate daily rewards with consistent hourly burns, Dope Credits maintains an economy that can operate autonomously and indefinitely.

Summary

Dope Credits achieves sustainability through simplicity. With automated rewards, predictable emissions, and ongoing burns, the system balances growth with scarcity. Every new player, every sponsorship, and every staking transaction contributes to the same outcome—a continually strengthening and deflationary token economy.

8. Roadmap

Phase 1 – Staking Foundation (*Live*)

- **Staking Launch:** Deployment of the DOPE staking system on Stellar using Soroban smart contracts.
- **Reward Tiers:** Introduction of five staking levels (0.02%–0.06% daily).
- **No Lock-Up System:** Flexible staking and instant withdrawals.
- **Public Transparency:** On-chain verification of all rewards and transactions.
- **Community Introduction:** Initial community growth through staking and blockchain education content.

Phase 2 – DopePlay Launch

- **Trivia Platform Release:** Launch of DopePlay — 15-minute trivia tournaments powered by Soroban automation.
- **Sponsorship Integration:** Activation of the hourly sponsor system with all payments sent to the issuing address.
- **Live Burn Tracker:** Real-time display of tokens sent to the issuing address through sponsorships.
- **Player Rewards:** Automatic 100 DOPE prize distribution per tournament via smart contract.
- **Platform Optimization:** UX improvements for tournament flow, matchmaking, and leaderboard displays.

Phase 3 – Expansion & Features

- **Leaderboards & Weekly Rankings:** Tracking top players, fastest answers, and most active participants.
- **Weekly & Seasonal Tournaments:** Higher-stakes trivia events with cumulative rewards.
- **Question Bank Expansion:** Thousands of new verified blockchain questions and community-submitted quizzes.
- **NFT Access Passes:** Collectible badges and visual rewards for frequent players.
- **Enhanced Analytics:** Public statistics on participation, game rounds, and burn activity.

Phase 4 – Ecosystem Growth

- **Partnership Collaborations:** Sponsored trivia rounds for Stellar-based projects and brands.
- **Referral Program:** Incentivized user growth through simple on-chain referral tracking.
- **Community Hub:** Centralized web portal for staking, playing, and viewing sponsor metrics.
- **Global Rollout:** Multi-language interface and optimized mobile version for global accessibility.

Summary

The roadmap follows a practical, utility-first approach. With staking already live and DopePlay preparing for launch, every stage focuses on strengthening usability, community engagement, and token deflation. Each milestone expands DOPE's ecosystem while reinforcing its sustainability and real-world value across the Stellar network.

9. Conclusion

Dope Credits (DOPE) represents a new approach to blockchain engagement — one that rewards participation, promotes learning, and builds sustainable value through real utility. By merging staking, trivia gaming, and sponsor-driven burns, DOPE turns every user action into a contribution toward long-term scarcity and ecosystem growth.

Its foundation on the Stellar network ensures speed, transparency, and accessibility for all participants, while Soroban smart contracts automate fairness and security at every step. There are no complex requirements or barriers — just simple earning, learning, and contribution cycles that strengthen the token with every interaction.

As the ecosystem evolves through new trivia topics, partnerships, and community-driven updates, one principle will always remain central: **every round played and every sponsorship made helps DOPE become rarer, stronger, and more valuable.**

Dope Credits isn't just a token — it's an ever-running engine of activity, education, and deflation. The game never stops, and neither does the growth.