**Daily Task #1 09/07/2023**

**What is Uniswap?**
Main Definition: A Decentralized Crypto exchange that uses a set of smart contracts to create liquidity pools for the execution of trades

**What does this mean?**
**Well lets narrow the terms down.**

A liquidity pool is a collection of crypto from a smart contract where the trader can swap different assets within the pool

A Smart contract is a digital contract on a blockchain. Once the "if/when…then…" statements in the blockchain are met the contract executes the action.

**What is Defi?**

Well before we can explain that, we need to look at what CeFi is
CeFi is is managed by Central Authority to run an ENTIRE platform
Vs.
DeFi is based on smart contracts that can operate without a centralized authority.

**So what is Uniswap in my own words?**
Uniswap is an open source project using Smart contract for liquidity pools to facilitate trades

**Daily Task #2 09/08/2023**
**What is Staking?**
Staking is a way of earning rewards by holding onto specific cryptocurrencies. I.e ETH, Tezos, Cosmos, SOL, and Cardano… etc. Not all coins have staking measures in places.

**Daily Task #3 09/11/2023**
**What is an Airdrop?**
Airdropping is a marketing strategy that sends coins or tokens to addresses. Small amounts of the new currency are sent to active members of the blockchain community for free in return for a small service like retweeting a post sent by the company.

**Daily Task #4 09/12/2023**
**L2's?**
Well to understand L2's we need to look at L1's
**What are L1's?**
L1 or Layer 1 is a base blockchain on which secondary blockchain networks and applications are sometimes built, L2 blockchains require L1 to function. The Biggest L1 chains are BTC and ETH.

**So What are L2's**
L2's are designed to enhance the speed and reduce the cost of performing transactions on a blockchain. Since L2's are faster the time to achieve consensus is thereby reduced

**Daily Task #5 09/14&16/2023**
**What is a Hot Wallet?**
Well to understand that, we should take a look at what is also a Cold Wallet.

**What is a Cold wallet?**
Simplified: A device that remains offline unless directly plugged in.

Complex: A Crypto wallet that securely stores your private keys offline usually on a physical Cold wallets are often used for storing large amounts of crypto or for storing crypto not being used.

**Then is a Hot wallet the opposite?**
Correct!

**What is a Hot Wallet?**
A Hot wallet is a type of crypto wallet that is not offline but connected to the internet and allows users to store, send and receive crypto. The reason for hot or cold depends on whether it is connected to the internet or not. Hot wallets are used in everyday transactions.

**DailyTask #6 09/20/2023**

**What is a Stablecoin?**

**What does the internet say?**
Stablecoins are a type of cryptocurrency whose value is pegged to another asset, such as fiat currency or gold, to maintain a stable price.

**What does that mean?**
Well if you're thinking that "oh! Stablecoins are just fiat…" then you're wrong.

Stablecoins and fiat currency are closely related. But here are some differences between the two.

Fiat is Centralized, Centralized is controlled by a central authority
Stablecoin is Decentralized, Decentralized is based on smart contracts on a blockchain

Fiat is Currency(Paper & Coins)
Stablecoin is a digital representation of underlying fiat currency

Fiat is stable in value

Stablecoin is designed to maintain a stable value but can still be volatile due to market fluctuations.

So in Summary, Stablecoins are backed by fiat and are designed to maintain a stable value but operate on a decentralized blockchain and exist in only digital form.

**Daily Task #7 09/22&23/2023**

**What is Decentralized Exchange (DEX)**
DEX is a peer to peer market where transactions occur between crypto traders
DEXs rely on blockchain technology, smart contracts, and a combination of price oracles, and liquidity pools.

**What is a Centralized Exchange (CEX)**
Well we know that Decentralized means Blockchain and Contracts, and that Centralized is commanded by a Central Authority.

CEX is an exchange platform that is most commonly used by crypto investors to buy and sell crypto holdings
CEX's are organizations that coordinate cryptocurrency trading on a large scale.