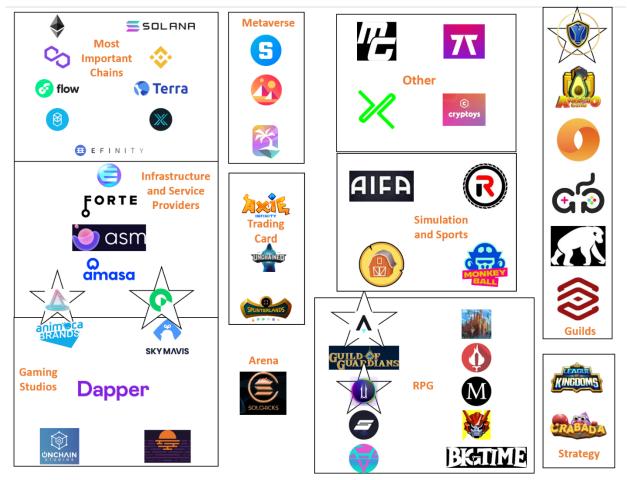# Overview of On-Chain Gaming 1/26/2022

*All prices and metrics from coingecko.com, unless N/A then from coinmarketcap.com

Most important Layer 1s and Layer 2s for Gaming

Protocol	Token	Price*	Market Cap	FDV	24hr Vol	ATH	ATL	No. Games	NFT Sales
Ethereum	ETH	$2,460.00	$293B	$293B	$16B	$4,878.26	$0.43	281	$21.6B
Solana	SOL	$92.92	$29B	$47.2B	$2.6B	$259.96	$0.50	39	$1B
Polygon	MATIC	$1.52	$11.3B	$15.2B	$1.3B	$2.92	$0.003	118	$164M
Binance Smart Chain	BNB	$373.43	$61.6B	$61.6B	$2.6B	$686.31	$0.04	366	$63M
Flow	FLOW	$4.94	$1.6B	$6.8B	$107.5M	$42.40	$4.33	7	$883M
Terra	LUNA	$66.58	$26.8B	$54.6B	$2.6B	$103.34	$0.12	17	$23M
Fantom	FTM	$2.13	$5.4B	$6.7B	$1.5B	$3.46	$0.002	36	$8.2M
Immutable X	IMX	$2.37	$445M	$4.7B	$54M	$9.52	$2.01	18	$85M
Efinity	EFI	$0.49	$83M	$988M	$9M	$3.15	$0.40	5	0

*Prices and metrics from 1/23/2022

Infrastructure Providers and Service Providers

- **Enjin:** provides NFTs that help start business growth and development via interfaces such as QR codes
    - Enjin was founded in 2009 and since then has created 1.16 billion assets with over 12.4 million ENJ locked in those assets. ENJ is the ERC-20 token for virtual goods created by Enjin. ENJ is built on the Ethereum network with the platform providing multiple features through its public API and SDKs. The platform provides creators easy access to create a currency unique to their community that's backed by ENJ. This allows the creator security and all the power that comes with blockchain capabilities. As of 1/12/22 ENJ has a price of $2.49 with a market cap of $2.3 billion. The FDV is $2.5 billion. There are 934 million tokens circulating with a total and max supply of 1 billion tokens. There are 162 thousand unique holders with the 24 hour trading volume at $163 million. ATH: $4.82, ATL: $0.018.
        - Relevant projects using Enjin: Space Misfits, 9Lives Arena, The Six Dragons, War of Crypta, Nestables
- **Forte:** focused on creating economic and creative opportunities for the gaming community. The platform hosts many solutions: blockchain platform for games, an equity-free developer fund, and advocacy and education.
    - Forte is a platform that makes it easy for game developers to incorporate blockchain technology into their games. They are a blockchain game development platform licensed to mint currencies and NFTs in compliance with banking secrecy, money transmittal, anti-money laundering, and other regulations in the US and other select jurisdictions. The platform helps bring regulation and consistency to any blockchain related game. Currently the platform is invite-only and in private testing. The company works with various L1 and L2 blockchains to enable the game developer's access to all of them. They are partners with over 40 game developers. In its series A round Forte raised $185 million at a $1 billion valuation, led by Griffin Gaming Partners. In its series B round they raised an additional $725 million, led by Sea Capital and Kora Management. Tiger Global, Solana Ventures, a16z, Polygon Studios, Cosmos, Animoca Brands, and Warner Music Group. No information on what the valuation was updated to after the series B. There is not a token for Forte.
- **Altered State Machine:** provides a protocol for non-fungible intelligence where AI bots compete within its universe. The ASM platform uses NFTs to interact with AI agents.
    - Each agent consists of a Brain NFT, a Form NFT, and Memories. The brain hosts the randomized set of base values. The form is what encodes the physical attributes of the NFT. The memories are the outputs of "Gym Training" as machine learning models. The memories are unique to the brain and are usually specific to the world that the agent operates in. However, brains can be used in

different worlds or ecosystems. ASM is launching Artificial Intelligence Football Association (AIFA) All-stars alongside ASM to promote the power of ASM. ASM is a tool that allows you to train your NFT and make it more valuable when you sell the NFT later. Both projects are on the Ethereum network. There are plans in place to create an ASM DAO called ElderDAO. Membership to the DAO will be based on the amount of $ASTO a token holder has. No roadmap or release date has been given for the DAO or the $ASTO token.
      - Other Projects with future ASM technology: FLUF World, Party Bear
- **Amasa:** helps individuals capitalize on micro income streams, which can be defined as any small-scale payment that is earned in cryptocurrency.
    o An app that brings all micro income streams into one place and allows for easier tracking, managing, and accessing new micro incomes. Partners with Polygon, REVV Motorsport, and Enjin. Backed by Animoca Brands, Spark Capital, Sandeep Nailwal (Polygon Co-Founder), and Gabby Dizon (YGG Co-Founder). They are involved with a lot of different ecosystems, including gaming. The gaming projects that they work with are Axie Infinity, Enjin, REVV Motorsport, and Planetarium/Nine Chronicles. Amasa has a governance token which is the ERC-20 token AMAS. Holding the token will allow users to initiate proposals and vote on new developments for the ecosystem. As of 1/13/2022 the price of AMAS is $0.18 with a market cap of $2.9 million. The FDV is $36 million with a total and max supply of 200 million tokens. There are 1300 token holders with a 24 hour volume of $18,500. ATH: $0.40, $0.07
- **Solcery:** zero-code on-chain game engine on Solana that gives its users a quick and easy way to create blockchain game experiences.
    o Solcery gives its users the option to create games, play games, or turn their NFTs to in game assets. Very early project with plans to launch SRY token. Will be used for governance of the DAO and to purchase games off of their platform. Creators will also pay SRY to use their platform that handles all the blockchain functionality. Great platform for game developers that don't want to learn how to interact with the blockchain. Have two games on the platform that shows their "forge" functionality. Solitary is a single player deck builder with NFT sidekicks. Summoner is a deckbuilding PvP game. The "forge" allows you to pull in personal NFTs that have in-game value. This process is done by staking your original NFT and paying SRY to start the process. You then get the Forged NFT back which has metadata related to every game in the Solcery ecosystem. You can either unstake your NFT to get the original back or trade the Forged NFT on any marketplace.
- **IQ Protocol:** a DeFi framework for renting wrapped expirable versions of digital assets for the use cases they empower.

- Can be used for NFT renting, fungible token renting, and blockchain subscriptions. Native to the Ethereum chain, but has functionality with the Binance Smart Chain and Polygon chain. Right now the only functionality is providing liquidity by staking, renting that liquidity for a fee, or exchanging those tokens to non-expirable power tokens to unlock services. Plans to release governance tokens and create DAO later this year. Token is being released Q1 2022 with whitelist opportunities available.

Gaming Studios

- **Animoca:** blockchain gaming studio that is focused on the P2E model and currently has developed a large portfolio of blockchain games that they have created, invested, or partnered in.
    - The following games are original to Animoca studios: REVV Racing, The Sandbox, Phantom Galaxies, Arc8, Crazy Kings, Crazy Defense Heroes, and GAMEE. The following games they have partnered with for branding purposes: MotoGP Ignition, Formula E: High Voltage, Quidd, and F1 Delta Time. They have created the following fungible tokens: REVV, SAND, TOWER, LYM, LMT, GMEE, QUIDD, PROS, and BONDLY. Animoca has had 54 total investors with the following being labeled as lead investors: Ubisoft, Black Anthem, Sigitech Holdings, Tess Ventures, Liberty City Ventures, Octava Foundation, 10T Holdings, Dragonfly Capital, Mirana. They have invested in 110 projects with being the lead investment 40 times. Some of the notable lead investments have been Fan Controlled Football, Atari, Axie Infinity, Dapper, Nine Chronicles, and Aurory.
- **Sky Mavis:** user-first, blockchain gaming studio that builds metaverses and its infrastructure, while dealing with games that use player-owned economies and growth.
    - So far the only game they have made is Axie Infinity, but actively developing Project K. Project K will bring an open world feel to the Axie universe with the ability to buy land and harvest tokens off of it. The three tokens they created are Ronin Wrapped Ether (WETH), Axie Infinity Shard (AXS), and Smooth Love Potion (SLP). Their investors/partners are Ubisoft, AAVE, Binance, Samsung, Delphi Digital, Kyber Network, Maker, and UPbit.
- **Dapper Labs:** uses the power of play to deliver blockchain-based experiences and digital collectibles that are made for you and ready for the real world.
    - Dapper Labs has created NBA Top Shot, CryptoKitties, Cheeze Wizards, the Flow blockchain, Dapper, and UFC Digital Collectibles. Dapper is the account manager for any interaction or payment with the Flow network. They created the token FLOW and built on top of it. Their investors are a16z, Venrock, SVAngel, Samsung Next, WndrCo, Axiomatic, Endeavor, and Digital Currency Group.
- **Onchain Studios:** an NFT studio that is geared towards collectors with a stated mission of seeking to educate and entertain them in respect to the NFT ecosystem.
    - Created Cryptoys

- **Horizon Blockchain Games:** Studio that is focusing on easing the experience of blockchain gaming and interactions with the blockchain for users and developers.
  - Sequence and Skyweaver are their products. Sequence is an "easy-to-integrate" wallet system that tries to ease the process of keeping all your Ethereum or compatible with Ethereum assets together in one place. Skyweaver is a trading card game that is free-to-play that was built to showcase the power of Sequence. No tokens as of yet. Backed by Golden Ventures, Bitkraft, Coinbase, Consensys, Digital Currency Group, Polychain Capital, and xchange.

P2E Games by Type

- **Sandbox**
  - **The Sandbox:** (Ethereum) Massive open world game that allows users to create and play how they want. Started as 2D side scrolling game back in 2012. Has evolved over time and kept its massive fan base with over 40 million downloads before 2018. Animoca Brands bought in 2018 and has been transitioning for blockchain launch. Currently in alpha versions but releasing full game in 2022. There are 258k members in the discord and 757k followers on Twitter. Currently their SAND token is worth $4.46 (1/18/22). ATH: $8.40, ATL: $0.03. Their largest asset is LAND which to date is valued at $11k-$14k per parcel, based on location and surrounding parcels.
  - **Decentraland:** (Ethereum) Massive open world game similar to Sandbox, where users can create and play how they want. Currently they have a working game and is playable right now. Free to play with no need to connect to a wallet if you don't want to save your progress. In November 2021 they had about 300,000 monthly active users and 18,000 daily active users. There are 139k members in the discord and 474k followers on Twitter. Currently their MANA is worth $2.82 (1/18/22). MANA has an FDV of $6.2 billion. ATH: $5.85, ATL: $0.009. They also have LAND which on OpenSea has a floor price of 4.495 ETH, or about $14k.
  - **Nifty Island:** (Ethereum) Free to play open world game. The token will be on Ethereum mainnet but the game is centralized. Able to bring any NFT you own from any chain into the game and use them. $ISLAND is their token and has not been released yet with no roadmap. Earn $ISLAND with foot traffic to users' island. $20 million raised from investors like YGG and Republic Realm. 33k followers on Twitter and 23k members in their Discord.
- **Trading Card Games**
  - **Axie Infinity:** (Ronin/ETH) Trading card turn based game built on Ronin blockchain which is built off of Ethereum. 2.8 million daily active players. 870k followers on Twitter and 779k members in their Discord. Their ERC-20 token is $AXS which has a price of $75 with a $5.2 billion market cap. FDV of $20 billion and is Axie's governance token. ATH: $164.90, ATL: $0.12. $SLP is the token that is earned in game. The price of $SLP is $0.018 with a $522 million market cap. No

FDV because there is no total/max supply. ATH: $0.40, $0.003. First popular blockchain game. Rose in popularity tremendously in the Philippines.

- o **Gods Unchained:** (Immutable X) Standard trading card turn based game. Free to play game that users can earn NFTs of their cards and sell it on their Immutable X marketplace. Has done a good job of building the lure and story around the game. Earn $GODS through gameplay. 450k registered players as of July 2021. 86k followers on Twitter and 75k members in their Discord. $GODS can be used to craft NFTs, purchase packs, stake, and as a governance token. The price is $2.84 with a $96 million market cap. FDV of $1.4 billion. ATH: $8.80, ATL: $1.96.
- o **Splinterlands:** (HIVE) Standard free to play trading card game, except not turn based. Game is automatically simulated once you battle someone else. Only way to earn blockchain based rewards the player needs to purchase the "Summoner's Spellbook", which has a stable price of $10 UDSC. Each card is an NFT but can only be owned by the player once the Spellbook is bought. Two currencies related to the game. DEC (Dark Energy Crystals) is the in-game currency that is earned. DEC has a price of $0.003 with an unknown market cap and FDV. ATH: $0.02, ATL: $0.0005. SPS is the Splinterlands governance token. The SPS price is $0.116 with a market cap of $41 million. FDV of $347 million. ATH: $1.07, ATL: $0.10. Around 300k daily active players. 55k followers on Twitter and 104k members in the Discord. Game is blockchain agnostic with accessibility to WAX, Ethereum, BSC, Tron, EOS, BTC, BCH, and Steem. YGG's largest game-specific SubDAO.

- **Arena**
  - o **SolChicks:** (Solana) Fantasy game that is arena battle based. Multiple game modes for players that own a SolChick NFT. There is a PvP aspect, a raiding aspect, a bonding mechanism to grow a user's SolChick, and a training aspect to level up the SolChick. $CHICKS is the governance token that will eventually run the DAO for the game. The price of CHICKS is $0.04 with a $10.3 million market cap. FDV is $420.7 million. ATH: $0.51, ATL: $0.04. Alpha version of the game is releasing Q1 2022 with updates to follow throughout the year. 298.5k followers on Twitter and 270.8k members in the Discord.

- **RPG**
  - o **Star Atlas:** (Solana) MMORPG game with AAA graphics when compared to other games. Large open world space game with multiple pillars for players to entertain themselves: grand strategy, exploration, role-playing game, and space flight simulation. Game has not released but has plans to release in Phase 3 of a 5 Phase roadmap with us at the end of Phase 1. 86k players have already joined a "Faction" which is the only gameplay allowed right now. 297k followers on Twitter and 156k members in their Discord. They have two tokens POLIS and ATLAS. Polis is the governance token for the Star Atlas Dao that is currently being developed. The price of POLIS is $3.68 with a $79.3 million cap. FDV of $1.3

billion. ATH: $18.55, ATL: $2.35. ATLAS is the in-game medium of exchange token. The price of ATLAS is $0.066 with a market cap of $143.5 million. FDV of $2.3 billion. ATH: $0.27, ATL: $0.04. Uses Serum.

- **Open Era:** (Solana) MMORPG game inspired by RuneScape. Open world game where the player can live, create, and explore. Able to forge new weapons and relationship as you create the story for your character. No game release date yet but have built a following just on hype around the game and showing teasers. There hasn't been an NFT drop or any public sale of any token. Tokenomics are unknown. 28.5k followers on Twitter and 4,640 members in the Discord. Uses Serum. Small project but already loyal fan base that has spent a lot of time developing the game. The team is committed to making a great game than a money making opportunity.

- **Guild of Guardians:** (Immutable X) Free to play multiplayer, fantasy, action RPG where players build a team of 'Guardians' and compete to earn rewards. Earn token $GOG in game and can use that to buy 'Guardians' that are NFTs that can be tradeable and sold. $GOG is a live token which was launched Dec 21, 2021. Full release of the game is expected Q2 2023 with first alpha version coming Q2 2022. 'Guardians' are actively being traded on TokenTrove. 113k followers on Twitter and 121k members in the Discord. The price of GOG is $0.95 with a market cap of $32 million. FDV of $950 million. ATH: $2.78, ATL: $0.69.

- **Ember Sword:** (Polygon/Immutable X) Free to play MMORPG sandbox game that offers a challenging end-game PvE, PvP, and a living in-game economy. Collectibles and land ownership will NFTs that can be traded on secondary markets. Land is already trading on TokenTrove and OpenSea. Plan to implement in-game currency ERC-20 token $EMBER. EMBER will be used to purchase land, collectibles, non-gameplay impacting convenience features, and limited number of consumables. No roadmap of now for EMBER but alpha of the game will be released throughout 2022. Full game releasing in 2023. 82.5k followers on Twitter and 74k members in the Discord.

- **Illuvium:** (Immutable X) Open world RPG, monster collector and auto battler game built on Ethereum. ETH is used for all in-game purchases and treasury will rise in value overtime from fees that are charged from various in-game tasks. Will have a zone in the game that is free to play but rarer items will be found in the areas that are not free to play. Monsters and collection items will be available to trade on secondary markets once obtained. AAA graphics, using the same engine as Fortnite. $ILV is the governance token. ILV can be staked to receive sILV and earn a portion of in-game revenues. sILV can also be used for in-game cosmetic items. The price of ILV is $570.68 with a market cap of $358 million. FDV of $5.6 billion. ATH: $1911.26, ATL: $29.23. 259.2k followers on Twitter and 186.8k members in the Discord. Full game beta will be released Q1 2022.

- **Mirandus:** (Ethereum) Epic fantasy MMORPG game currently being developed by Gala Games. Each player buys an Exemplar NFT to be their avatar. Can also buy deeds and buildings. Deeds allow players to decide who can build there and what share of the profits you get. 87% of Exemplars have been bought, 99% of deeds, 99% of buildings, 88% of ships, and 78% of docks. Plan to release in-game currency Materium which will be available to trade on the chain. No roadmap and currently unknown when full game will be released. No Mirandus twitter but Gala Games has 285k followers on Twitter and 136k followers on Discord.
- **Sidus NFT Heroes:** (Ethereum) Space travel MMORPG game that is similar to Star Atlas. Explore, space travel, PvP and PvE fighting, community building, and political rise to power are all options players can choose to compete in this game. Successful NFT launch which will be the player's avatar, which you will need to play the game. Currently the avatar has 2.4k ETH volume traded. AAA graphics. Two token system with SIDUS and SENATE. SENATE is the DAO governance token with limited purchasing abilities to buy large items like ships and land. The price of SENATE is $2.05 with a market cap of $11.9 million. FDV of $614 million. ATH: $5.85, ATL: $1.78. The SIDUS token is the in-game currency for rewards and main currency for the SIDUS marketplace. The price of SIDUS is $0.06 with a market cap of $32 million. FDV of $1.8 billion. ATH: $0.19, ATL: $0.052. 340k followers on Twitter and 223k members in the Discord. Full game launching in Q1 2022 with a demo out right now.
- **Phantom Galaxies:** (Polygon) Open world space travel MMORPG game that is similar to Star Atlas and Sidus NFT Heroes. Being developed by Animoca with AAA graphics. Plan to release property ownership. Plan to release non-fungible and fungible tokens that are used for governance, starfighter fusion, and entry into certain activities. Being built as a multichain game, with each blockchain having its own home galaxy. Q1 2022 player owned planets NFT sale. Q3 2022 early access beta game launch. 97.9k followers on Twitter and 103k members in the Discord.
- **Chainguardians:** (Polygon) Free to play battle based RPG game that the player has a team of 3 guardians. PvP and PvE combat with very complex fighting mechanics. Turn based fighting similar to Axie. Also have a NFT mining platform to earn their governance token by staking personal NFTs. The governance token is $CGG. This allows governance, purchase NFTs, and access to ChainBoost. ChainBoost is a play2participate launchpad. The price of CGG is $0.54 with a market cap of $26.9 million. FDV of $64.4 million. ATH: $4.33, ATL: $0.12. 75.5k followers on Twitter and 10.6k members in the Discord. 7000 daily players in September.
- **Aurory:** (Solana) RPG game where players can explore and capture Nefties to build a team of 3 Nefties. Free to play aspect but incentivized to spend those rewards to create a stronger team. Will have PvE and PvP components. Live

game will be launched Q1 2022. There is a DAO to govern the game and only holders of the initial Aurory NFT will be able to vote. Holding one of the NFTs will also grant the holder access to white listings and early access to game content. $AURY will be the in-game currency and has already had an IDO. The price of AURY is $9.88 with a market cap of $94.8 million. FDV of $988 million. ATH: $23.29, ATL: 9.26. There is already a staking mechanism available to AURY holders. Stakers earn yield, grant access to NFT drops, and access to multiplayer modes after staking a minimum account. 179k followers on Twitter and 40.3k members in the Discord.

- o **Big Time:** (Polygon) multiplayer action RPG with great graphics but not AAA. Can team up with friends to adventure across time and space. Can collect rare and legendary NFTs to decorate the player's avatar and personal time machine, which is an area players hang out in. Big Time has its own marketplace currently selling VIP Access and SPACE NFTs which are essentially land in the game. There are different SPACEs with different rarities. The larger the space the more capacity it has to install more features and earn in-game tokens. The game will have a token that will not have a public sale and the only way to earn the token is by playing the game if you have a SPACE. No mention of being able to trade these tokens for value out of the game, but the tokens will help you in-game. 185.1k followers on Twitter and 349.5k members in the Discord.

- **Simulation and Sports**
  - o **AIFA Football:** (Ethereum) 4 v 4 soccer game, played autonomously by the player's ASM All-Star agents. Altered State Machine's game to showcase the power of the brain NFT. Each team is 4 All-star NFTs who each need a brain to play. You can train your brains in the gym to improve the all-stars. Game is not out yet. The Alpha version is currently being developed. Game will use the ASTO token as the play to earn token. The token has not been released, but it will be the ASM DAO governance token for the entire ASM ecosystem. 16.3k followers on Twitter and 9255 members in the Discord.
  - o **REVV Racing:** (Polygon) Arcade simulation car racing game on the blockchain. Part of the REVV motorsport ecosystem which include two other racing games that built off of events and weeklong challenges. REVV Racing is in its Alpha version but is designed for short events. Being produced by Animoca. The cars are NFT and you need one to play the game. Earn in-game rewards through the $REVV token. 96.5k followers on Twitter and 20.3k members in the discord. The price of REVV is $0.09 with a $24.3 market cap. FDV of $263.7 million. ATH: $0.63, ATL: $0.01.
  - o **DeFi Land:** (Multichain) Multi-chain agriculture-simulation game created to gamify DeFi. Free to play to start and once you earn enough $DFL you can play to earn. The game allows users to learn everything about the industry and understand how DeFi technology and the crypto industry operate. Had 1000

active players during beta testing. Version 2 is coming out Q1 2022 with many more capabilities than the current game. The price of DFL is $0.076 with a market cap of $44.7 million. FDV of $762.7 million. ATH: $0.42, ATL: $0.07. 94.3k followers on Twitter and 24.3k members in the Discord.

- o **MonkeyBall:** (Solana) Turn-based, arcade, soccer game with 3 game modes. PvE, PvP, and team vs team. There are multiple ways to earn income: (1) own Monkeys, build a team and win matches, (2) own Stadiums and host matches, or (3) be a match spectator and earn by cheering for the winning team. Each winning side in those 3 scenarios split the winnings which are in $MBS. The price of MBS is $0.54 with a market cap of $18.7 million. FDV of $536.9 million. ATH: $2.58, ATL: $0.41. So far only IDO of MBS and Gen Zero has been launched. PvE will be launched in Q2 2022 and PvP will be launched in Q3 2022. Stadium NFT drop will be in Q4 2022. 158.1k followers on Twitter and 65.8k members on Discord.

- **Strategy**
  - o **League of Kingdoms:** (Ethereum) MMO Strategy game built on the Ethereum blockchain. Gameplay goal is to build your kingdom from resources and monsters. Can own Land NFTs to develop and contribute to the game. Also earn rewards for owning land. In-game currency DST is used for utility only. $LOKA is the governance token. Can be used to unlock NFTs, stake to earn rewards, and buy items and skins. The price of LOKA is $1.74 with a market cap of $43.5 million. FDV of $867 million. ATH: $2.79, ATL: $1.41. 80,000 daily active players. 60k followers on Twitter and 33k members in the Discord.
  - o **Crabada:** (Avalanche) Idle game where Crabada NFT holders can earn a passive income. Currently there is only idle function by sending your team of Crabadas on mining expeditions that earn the holder $CRA and $TUS. TUS is the in-game currency that can also be sold on a DEX. The price of TUS is $0.24 and has a market cap of $9 million. There is no total supply. ATH: $0.36, ATL: 0.03. CRA is the governance token that is rewarded from staking and playing the game. The price of CRA is $0.81 with a market cap of $54.8 million. FDV of $815 million. ATH: $2.96, ATL: $0.23. In Q1 2022 a PvP game mode will be added to the game. 34.7k followers on Twitter and 11.6k members in the Discord.

- **Other**
  - o **Metaguardians:** (Ethereum) Unsure of the type of game this will be. Currently only NFTs for the avatars are available on OpenSea and Rarible. From teaser trailers it appears to be an RPG game with potential open world feature. Game token is launching Q2 2022 and full game is being launched Q4 2022. 24.5k followers on Twitter and 40k members in the Discord.
  - o **Arc8:** (Polygon) Mobile game that has a library of mini-games that players can earn $GMEE. Various mini-games allow players to play 1v1 games and time limit games where players compete against a leaderboard of many players. The price

of GMEE is $0.11 with a market cap of $13.7 million. FDV of $352.6 million. ATH: $0.71, ATL: $0.0006. 113.5k followers on Twitter and 47.6k members in the discord.

- **ExeedMe:** (Polygon) Platform for players to monetize their playing time, regardless of skill level. Allows centralized and decentralized games to have a platform of matchmaking and wagering. Currently has support for Warzone, CS:GO, and DOTA 2. Depending on the game mode players wager a certain amount of USDX on the match. Launched an NFT in November and they have only minted 378. Website claims to have over 100 million viewers per month. $XED is the governance and reward token for the ecosystem. The price of XED is $0.30 with a $24 million market cap. FDV of $30.5 million. ATH: $1.99, ATL: $0.14. 50.5k followers on Twitter and 5k members in the Discord. On paper great idea but hasn't been adopted by the community yet.

- **Cryptoys:** (Flow) Started as an NFT project with plans to bring a play-to-earn ecosystem to the project. Mini game based that will have an earning part. The project was Cryptoys Classics with a .17 ETH floor price and 126 ETH volume traded. First drop will be Q1 of 2022. 9.4k followers on Twitter and 12k members in the Discord.

Guilds

- **Yield Guild Games (YGG):** Over 10,000 Axie scholars from over 10 different countries. 159.7k followers on Twitter and 84.1k members in the Discord. Partnership with 21+ games with heavy focus in the following: Axie, Ember Sword, F1 Delta Time (Part of REVV Racing), Guild of Guardians, Illuvium, League of Kingdoms, The Sandbox, Splinterlands, Star Atlas, and Zed Run. Presence all over the world but has two regional subDAOs: Southeast Asia and India. The YGG token has a price of $2.51 with a market cap of $207.6 million. FDV of $2.5 billion. ATH: $11.17, ATL: $0.96. Scholar's earnings are split with 70% to the scholar, 10% to the DAO, and 20% to the community manager.

- **Avocado Guild:** Over 11k scholars. 59.3k followers on Twitter and 61.5k members in the Discord. Games focused in: Axie, REVV Racing, Elpis Battle, Cyball, Thetan Arena, Big Time, and Sipher. Has a presence in the Philippines, Indonesia, Vietnam, Korea, and China. The DAO's token is AVG. The price of AVG is $0.88 with a market cap of $18.5 million. FDV of $881.9 million. ATH: $2.69, ATL: $0.02. Scholar's earnings are split 50/50 with the DAO but plan to lower this as the DAO becomes live.

- **Merit Circle:** 2750 scholars. 92.8k followers on Twitter and 30.2k members in the Discord. Involved with 20 games with Axie and Vulcan Verse being the only live games. Many of their other games are coming out in 2022. No information on specific regions Merit Circle focuses on. The governance token $MC has a price of $2.17 with a market cap of $92.4 million. FDV of $2.1 billion. ATH: $11.70, ATL: $1.88. Scholar's earnings are split with 70% going to the scholar and 30% going to the DAO.

- **Good Games Guild:** 400 scholars as of 11/20/21. 106.6k followers on Twitter and 34k members in the Discord. Games partnered with: Cyball, DeMole, Kawaii Islands, Legend of Fantasy War, The Kill Box, The Monopolist, Planet Sandbox, Continuum World, and Game Station. Presence in Southeast Asia. DAO is still being developed but governance token $GGG has IDO'd. The price of GGG is $1.88 with a market cap of $2.4 million. FDV of $187.9 million. ATH: $16.86, ATL: $1.64. Scholar's earnings split 65% to scholar and 35% to the scholarship program.
- **BlackPool:** 725 Axie scholars. 19.1k followers on Twitter and 4k members in the Discord. Only game they have scholars in is Axie, but the DAO manages more NFT holdings in other games. Regional focus in France, Turkey, and China. The price of BPT is $4.15 with a market cap of $4.5 million. FDV of $415.1 million. ATH: $19.73, ATL: $1.46. Scholar's earnings are split 60% to the scholar, 15% to the DAO, 15% to the Axie owner, and 10% to the account manager.
- **Polemos:** 0 scholars since they are not live yet. 1863 followers on Twitter and 3314 in the Discord. Currently involved with Fancy Birds, Galaxy Fight Club, and Legends of Venari. Plan to be involved with Illuvium and MonkeyBall. No mention of regions focused on. Plan to release governance token Polemos Token (PLMS). Will be used to govern, revenue distribution, and staking yield. 85% of all revenue is distributed back to PLMS stakeholders who lock their deposits for a certain amount of time. Revenue sharing is determine by combination of scholarship provider, the game, and the tier of assets.