

## **What is Celestia (TIA) 10-11-2025:**

Many will be familiar with the blockchain trilemma, as first coined by Ethereum co-founder Vitalik Buterin. It's the idea that a blockchain strives for three primary features – decentralization, scalability, and security. The problem is that a blockchain's success in addressing one of these features will inherently impact the others.

This stems from the monolithic structure of traditional blockchains. To explain, monolithic blockchains such as Bitcoin and Ethereum, handle execution, settlement, consensus, and data availability on the same blockchain.

There's where the problem lies: as the amount of blockchain data increases, data availability becomes a major roadblock to the network's scalability. To increase their throughput, they must compromise on either decentralization or security.

That's where modular blockchains come in. Modular blockchains focus on only one task that a monolithic blockchain would handle, leaving the rest of the tasks for other chains. For example, Blockchain rollups are a prime example of modular blockchains: they only specialize in executing transactions and let their base chain handle the rest.

Celestia is another type of modular blockchain. It focuses on carrying out consensus and data availability. But how does Celestia work and could it help solve the blockchain scalability problem?

Before we dive into Celestia and what it is, let's first look at the reason it exists.

Celestia is the world's first data availability blockchain network. By using a modular blockchain structure and separating data availability from transaction execution, it addresses the scalability challenges associated with traditional blockchains.

In other words, Celestia doesn't multitask. The blockchain is not responsible for executing and settling transactions, nor is it responsible for making sure the transactions are valid. It has only one job – ensuring that transaction data is available for anyone to access and verify. So, rollups and layer 2 blockchains, which execute transactions, can connect to Celestia and publish their transaction data.

## Secret Phrase **Celestia**

lamp enable dignity february pencil tongue turkey winner just raccoon silver invite	grape discover shiver thrive inch eagle warrior sport tragic patch caught funny
debate early nominee love view clump fantasy project kid opinion evoke figure	access cancel essay pigeon again dwarf scatter route matter gather tuna machine
waste direct title occur tobacco twelve setup swamp since stem brass spider	allow caution sand forest scout grass genuine clerk banner apology corn pudding
syrup economy orphan resource power festival expect maze tornado track bunker beauty	velvet elevator room all account artefact parent east middle wet mail emerge
coffee indicate wasp walnut pelican forget boat snap vivid lottery piano deny	phone gentle news measure equal gas rule erase lonely drive cargo elegant
sketch gym detail engine neither mouse helmet unveil liberty evil cricket goddess	dirt curious merry mix glance tag demand wisdom rack exercise crystal document
celery wire imitate creek dune inherit hurry lucky onion angry fee vicious	horn journey auction front bring perfect fossil day company height scheme execute
manual before capital obscure romance acid puppy demise million coyote slight minor	entire devote repair off conduct receive steak treat lab trend brain utility
nurse grocery loan innocent oil focus someone they level sniff urge found	renew boring egg today during decrease cool smile cup capable jaguar march
hobby whale potato silk wife arrow base garage forum uncover initial claim	guilt peasant replace lake tackle train version proof envelope member derive yellow
used brick melt kick rough cereal kingdom various pact symbol wheel barely	cupboard wool umbrella exhibit flee agree collect attitude open apple defense ice
margin aware arctic rude immense agent rebuild wrap weekend wonder ketchup autumn	sponsor manage debris excuse attract gloom width fortune carbon cactus buddy bean
inner nest maid health pottery history check car intact buffalo fame fitness	wear sister slide squirrel text business wrong chronic garden popular spare fold
chase voyage vehicle apart remember prepare south spray monitor fence valley chest	chat village jeans person alone album piece warfare flame monster remain clarify
favorite matrix token border calm absent rabbit any knock quality butter hair	input price exhaust oyster blame timber scan mandate share annual ripple still
afford ankle arch infant cause dolphin service father duty speed regular legend	marriage monkey sunset toward citizen about toe wide miss window lend wing
coconut aunt feel parrot because fog lazy fine season name equip soda	pipe enforce curve salmon short size shield nuclear spend main cry include
future dish chuckle cram biology immune shop valve parade knife record opera	reveal attack educate insect meadow like defy aim ethics effort street social
client armed rifle weather lock sell paper patrol mystery trick joy prevent	divide lady vintage load palm switch notice code enhance field nerve resist
luxury sudden antique grant stable science time ridge together north language hamster	ship stuff combine odor green soap uncle home series milk witness museum
jewel color excite cabbage office chunk sibling shock tired accident stone chicken	cheap evidence glare earn nothing year fault afraid hospital exit task flush

hurdle thank bomb robot pretty jazz crouch auto ostrich that acoustic world	flip jar myth woman major reflect quiz olive tree possible deposit pioneer
card unknown charge drift toilet test topic say alter myself poet bus	group grain board crime blue vast worry urban burst observe table puzzle
gate steel soft expand start move spy now mind expire cage tape	exact bleak travel stove saddle gown song picnic hole tower two pill
spot sheriff exchange amazing scare consider panda unfold display wish fatigue feed	shadow struggle amateur razor undo female ancient seat speak item alien bridge
credit visit response describe fragile october hockey mixed rapid pond dice strong	comic toy midnight tent bench worth cinnamon bounce outer palace cushion tide
number valid usual cycle clean loud flag win van tip custom visa	special gold throw reason index tribe across below harvest wash more report
faith surround endorse runway camera raise orient rotate improve length dove aisle	stool practice noble wait bicycle believe cattle canvas prize hold planet pistol
square vault gadget normal safe tumble give second small sick tuition dial	man same object thumb type sugar scissors stereo elephant trip frost tank
behind useful diet later upset clip aspect desert analyst cable evolve twin	rubber drama gaze oak turn weasel call clog culture peace magnet skin
ahead friend plug wall permit bonus verify chaos pilot bike suit holiday	photo rich recipe brush easy brown rally polar click bid surge leader
whisper alarm swift follow soul assist rare snow anchor survey impose other	bright image control relax morning duck detect muffin cook average ozone bargain
best program flock cash depth nice memory birth admit payment modify invest	spell limit camp common save system athlete salt electric reform crazy emotion
degree city blush juice dad wreck gesture idea erosion army alley tenant	eight brisk elbow zone beef fruit stage over mom either illegal bag
sad bulb bachelor cover damage sound cheese erupt twist face grab under	plastic secret gospel stadium chapter fall arm seminar space moon remind mushroom
loop script library sign kangaroo must abandon segment fatal spice alpha page	purity turtle trumpet acquire embrace cousin fun guard draw dry harbor gallery
mean violin heavy elite current art orchard into hand portion also pig	olympic when physical supreme repeat panther orange frozen cart indoor crowd great
grid gain satisfy blouse option animal fringe phrase one offer spoil nation	approve tooth this bubble shine hybrid verb tomato teach pupil trash noodle
amused live empower distance uniform vote limb danger achieve hard cotton dutch	lava faculty town dress session luggage churn depend security census method you
glide appear earth arena august coast settle powder pyramid siege prefer jump	sing argue layer rice party truck fiscal trouble pole dose arrive want
foam omit affair shove toast taxi advance horse illness will slam kitten	extend neutral shoulder spatial pool neck glimpse pass kiss fiction release lift
glory enemy hen cost provide hello voice differ round student seed cloth	hawk drum april torch civil decade bamboo problem way flower design tone
aerobic vacant close recall legal crane baby clock metal road boy awake	transfer domain purchase cannon donate trial orbit leisure bronze local harsh weapon
pluck upon flash truly okay drip welcome step crush stumble pause recycle	sleep ask review copy ritual exclude habit sentence point seven unfair finish

act blossom silly edit fan enlist blanket depart blade draft mutual shuffle	gorilla inmate craft disease promote anxiety guide oppose network pulse rhythm buzz
case net frequent chef rib solid antenna ordinary delay quit shy west	faint grow satoshi leopard silent law federal donor latin diagram rug pattern
beyond catalog error gravity ten balance place cross seek ramp boost claw	menu chimney nephew skull video lyrics organ else ignore find situate huge
sight enroll labor hour jelly select vacuum insane horror climb attend anger	volume hammer vocal ability once lawn naive slush such twice siren mammal
body genre penalty explain hero almost dumb gap around hill path already	bird fly pull barrel state dog hazard exile ugly goose ecology door
list hotel pitch fresh fat edge picture ski three rent six zebra	child crawl enough success wave betray ticket sample obvious category arrest unlock
able truth park destroy furnace talent bitter deputy shed pear wage circle	dinner viable thing clever correct cloud lens rival canal blood mountain wolf
diamond benefit rookie remove sadness float kiwi honey actress quote iron print	above range laundry simple right negative borrow asset night can film lounge
cake unaware try loyal badge foot wrist ladder mule excess lecture candy	wagon notable spoon giggle engage pave tilt rail grief family use sail
game lobster carry surface rescue change shift need crucial shoe enter life	dismiss toss merge armor arrange cube process inflict until action file smooth
catch logic key coin snake crater fiber lizard garment deer certain theme	spread frog impact tattoo drop taste drill hope material chief pizza render
tissue clutch rather property priority suffer diary pepper fancy couch embody mention	license broccoli balcony symptom update submit behave twenty uphold ball floor hub
vital bracket husband idle wise filter solution top victory end heart outdoor	shoot math guess busy toddler ghost solve force actor grit farm term
garlic spring salad canoe inside ride subway awkward jungle profit firm income	pumpkin audit work increase humor build soup fluid obey bundle vague false
express stick usage salute fetch boil retreat desk battle wedding dust breeze	disorder plate swear burger hood hire royal assault moral fashion pink inquiry
letter raven ready thunder much suspect scrap regret hollow post universe jacket	girl predict outside glow mad prosper sausage damp poem meat protect book
left inspire online volcano knee trim couple leg rely ribbon unhappy kidney	ring essence clinic address fit push sense tortoise melody quarter market escape
novel panel decorate course team angle patient trust deliver retire inform sun	message exotic poverty praise icon identify cradle divorce section copper scorpion cruise
carpet swap bacon lesson job where brand hungry island void radar veteran	coral old unique chair reunion master finger neglect typical prison answer soon
movie keep dentist first media giraffe marine among involve estate slice dinosaur	peanut hunt often primary accuse private there next mask budget daring rate
injury nut return narrow ill grunt enact strike reopen pulp december atom	dream adapt fox fury slender near skate maximum hover soldier purpose strategy
crunch good pet kitchen miracle tonight mass school cute host eternal swim	hidden soccer unit lumber join crack stay high double ranch despair fix
dynamic senior slot trophy curtain food nasty very banana wrestle summer flavor	produce assume amount cat winter beach interest cabin reduce abstract scene fabric

play talk chalk upper doctor hip wealth trap medal note spirit please	extra connect shrimp bread upgrade real split risk have glad swarm super
dragon age hundred guitar paddle casual few mansion hat liquid stomach pair	embark noise tennis original artwork fork gun word another coil order boss
sort scale brief advice total cruel dance airport web owner supply random	drastic quick keen absurd episode employ require leaf merit absorb marble riot
cream misery spawn grace obtain column maple exist goat source add oblige	congress style sunny sauce country then disagree present subject clown crisp inhale
basic oven frame actual unusual sure warm announce dawn drink dilemma frown	away endless proud zero water youth fade example between champion club result
target shrug help swallow final motion erode relief eye cement mesh digital	venue concert dash alcohol flat virtual sphere little music industry cliff crop
core divert cave cigar century belt surprise cluster lion ginger label virus	what sorry plunge reward rocket slab genius glove laugh thought ocean mixture
tail salon ensure adult box globe vendor energy wild skirt judge roast	unable glue muscle laptop deal rebel bless make scrub eager bone tube
tray abuse artist stock river sting diesel useless gasp theory tomorrow enjoy	easily clap public staff addict blur critic own nose moment sword gauge
quantum fuel purse sea radio people awesome elder asthma element output mango	daughter learn bar stamp punch rain vapor gift only yard canyon eyebrow
avocado ivory broken lawsuit motor crumble mosquito general light sock stand forward	happy mistake enrich robust large brave write pony buyer jealous hint black
donkey issue raw police similar doll avoid burden hurt author become spin	entry shallow side blast wine ceiling mercy swing inject begin broom castle
air whip mobile alert venture shell coach rural half decide reject impulse	convince squeeze brother trigger isolate lemon blind pen stairs come tiny smart
suggest walk device flight area sweet solar liar rigid wink pride topple	giant captain panic echo tunnel run head vessel shaft garbage joke casino
match lunar foster slim denial hedgehog roof human axis oxygen slow position	fire mirror kite install cherry tourist kind visual humble vanish always put
never confirm tiger race comfort junk wheat traffic refuse govern empty month	search era story oval pledge rose tool mother nature wood smoke choose
vibrant mimic multiply develop crew minimum spike model fish galaxy clay define	junior fever choice resemble bullet leave trade slogan know expose foil lunch
minute tell skill zoo decline snack mechanic awful basket bulk young crash	weird gossip bottom dizzy region napkin true glass famous kit adjust link
better question feature bind sustain magic long screen spell alert brush attitude	