

Page 1

words 1–432

Section 1				words 1–72			
Block 1		Block 2					
Cell 1 abandon ability	Cell 2 able about	Cell 1 account accuse	Cell 2 achieve acid				
Cell 3 above absent	Cell 4 absorb abstract	Cell 3 acoustic acquire	Cell 4 across act				
Cell 5 absurd abuse	Cell 6 access accident	Cell 5 action actor	Cell 6 actress actual				
Block 3		Block 4					
Cell 1 adapt add	Cell 2 addict address	Cell 1 afraid again	Cell 2 age agent				
Cell 3 adjust admit	Cell 4 adult advance	Cell 3 agree ahead	Cell 4 aim air				
Cell 5 advice aerobic	Cell 6 affair afford	Cell 5 airport aisle	Cell 6 alarm album				
Block 5		Block 6					
Cell 1 alcohol alert	Cell 2 alien all	Cell 1 always amateur	Cell 2 amazing among				
Cell 3 alley allow	Cell 4 almost alone	Cell 3 amount amused	Cell 4 analyst anchor				
Cell 5 alpha already	Cell 6 also alter	Cell 5 ancient anger	Cell 6 angle angry				

Section 2				words 73–144			
Block 1		Block 2					
Cell 1 animal ankle	Cell 2 announce annual	Cell 1 appear apple	Cell 2 approve april				
Cell 3 another answer	Cell 4 antenna antique	Cell 3 arch arctic	Cell 4 area arena				
Cell 5 anxiety any	Cell 6 apart apology	Cell 5 argue arm	Cell 6 armed armor				
Block 3		Block 4					
Cell 1 army around	Cell 2 arrange arrest	Cell 1 assault asset	Cell 2 assist assume				
Cell 3 arrive arrow	Cell 4 art artefact	Cell 3 asthma athlete	Cell 4 atom attack				
Cell 5 artist artwork	Cell 6 ask aspect	Cell 5 attend attitude	Cell 6 attract auction				
Block 5		Block 6					
Cell 1 audit august	Cell 2 aunt author	Cell 1 awesome awful	Cell 2 awkward axis				
Cell 3 auto autumn	Cell 4 average avocado	Cell 3 baby bachelor	Cell 4 bacon badge				
Cell 5 avoid awake	Cell 6 aware away	Cell 5 bag balance	Cell 6 balcony ball				

Section 3				words 145–216			
Block 1		Block 2					
Cell 1 bamboo banana	Cell 2 banner bar	Cell 1 bean beauty	Cell 2 because become				
Cell 3 barely bargain	Cell 4 barrel base	Cell 3 beef before	Cell 4 begin behave				
Cell 5 basic basket	Cell 6 battle beach	Cell 5 behind believe	Cell 6 below belt				
Block 3		Block 4					
Cell 1 bench benefit	Cell 2 best betray	Cell 1 bird birth	Cell 2 bitter black				
Cell 3 better between	Cell 4 beyond bicycle	Cell 3 blade blame	Cell 4 blanket blast				
Cell 5 bid bike	Cell 6 bind biology	Cell 5 bleak bless	Cell 6 blind blood				
Block 5		Block 6					
Cell 1 blossom blouse	Cell 2 blue blur	Cell 1 book boost	Cell 2 border boring				
Cell 3 blush board	Cell 4 boat body	Cell 3 borrow boss	Cell 4 bottom bounce				
Cell 5 boil bomb	Cell 6 bone bonus	Cell 5 box boy	Cell 6 bracket brain				

Section 4				words 217–288			
Block 1		Block 2					
Cell 1 brand brass	Cell 2 brave bread	Cell 1 broken bronze	Cell 2 broom brother				
Cell 3 breeze brick	Cell 4 bridge brief	Cell 3 brown brush	Cell 4 bubble buddy				
Cell 5 bright bring	Cell 6 brisk broccoli	Cell 5 budget buffalo	Cell 6 build bulb				
Block 3		Block 4					
Cell 1 bulk bullet	Cell 2 bundle bunker	Cell 1 buzz cabbage	Cell 2 cabin cable				
Cell 3 burden burger	Cell 4 burst bus	Cell 3 cactus cage	Cell 4 cake call				
Cell 5 business busy	Cell 6 butter buyer	Cell 5 calm camera	Cell 6 camp can				
Block 5		Block 6					
Cell 1 canal cancel	Cell 2 candy cannon	Cell 1 card cargo	Cell 2 carpet carry				
Cell 3 canoe canvas	Cell 4 canyon capable	Cell 3 cart case	Cell 4 cash casino				
Cell 5 capital captain	Cell 6 car carbon	Cell 5 castle casual	Cell 6 cat catalog				

Section 5				words 289–360			
Block 1		Block 2					
Cell 1 catch category	Cell 2 cattle caught	Cell 1 cereal certain	Cell 2 chair chalk				
Cell 3 cause caution	Cell 4 cave ceiling	Cell 3 champion change	Cell 4 chaos chapter				
Cell 5 celery cement	Cell 6 census century	Cell 5 charge chase	Cell 6 chat cheap				
Block 3		Block 4					
Cell 1 check cheese	Cell 2 chef cherry	Cell 1 chuckle chunk	Cell 2 churn cigar				
Cell 3 chest chicken	Cell 4 chief child	Cell 3 cinnamon circle	Cell 4 citizen city				
Cell 5 chimney choice	Cell 6 choose chronic	Cell 5 civil claim	Cell 6 clap clarify				
Block 5		Block 6					
Cell 1 claw clay	Cell 2 clean clerk	Cell 1 clog close	Cell 2 cloth cloud				
Cell 3 clever click	Cell 4 client cliff	Cell 3 clown club	Cell 4 clump cluster				
Cell 5 climb clinic	Cell 6 clip clock	Cell 5 clutch coach	Cell 6 coast coconut				

Section 6				words 361–432			
Block 1		Block 2					
Cell 1 code coffee	Cell 2 coil coin	Cell 1 company concert	Cell 2 conduct confirm				
Cell 3 collect color	Cell 4 column combine	Cell 3 congress connect	Cell 4 consider control				
Cell 5 come comfort	Cell 6 comic common	Cell 5 convince cook	Cell 6 cool copper				
Block 3		Block 4					
Cell 1 copy coral	Cell 2 core corn	Cell 1 cover coyote	Cell 2 crack cradle				
Cell 3 correct cost	Cell 4 cotton couch	Cell 3 craft cram	Cell 4 crane crash				
Cell 5 country couple	Cell 6 course cousin	Cell 5 crater crawl	Cell 6 crazy cream				
Block 5		Block 6					
Cell 1 credit creek	Cell 2 crew cricket	Cell 1 cruel cruise	Cell 2 crumble crunch				
Cell 3 crime crisp	Cell 4 critic crop	Cell 3 crush cry	Cell 4 crystal cube				
Cell 5 cross crouch	Cell 6 crowd crucial	Cell 5 culture cup	Cell 6 cupboard curious				

Page 2

words 433–864

Section 1

words 433–504

Block 1		Block 2	
Cell 1 current curtain	Cell 2 curve cushion	Cell 1 daring dash	Cell 2 daughter dawn
Cell 3 custom cute	Cell 4 cycle dad	Cell 3 day deal	Cell 4 debate debris
Cell 5 damage damp	Cell 6 dance danger	Cell 5 decade december	Cell 6 decide decline
Block 3		Block 4	
Cell 1 decorate decrease	Cell 2 deer defense	Cell 1 dentist deny	Cell 2 depart depend
Cell 3 define defy	Cell 4 degree delay	Cell 3 deposit depth	Cell 4 deputy derive
Cell 5 deliver demand	Cell 6 demise denial	Cell 5 describe desert	Cell 6 design desk
Block 5		Block 6	
Cell 1 despair destroy	Cell 2 detail detect	Cell 1 diesel diet	Cell 2 differ digital
Cell 3 develop device	Cell 4 devote diagram	Cell 3 dignity dilemma	Cell 4 dinner dinosaur
Cell 5 dial diamond	Cell 6 diary dice	Cell 5 direct dirt	Cell 6 disagree discover

Section 2

words 505–576

Block 1		Block 2	
Cell 1 disease dish	Cell 2 dismiss disorder	Cell 1 dog doll	Cell 2 dolphin domain
Cell 3 display distance	Cell 4 divert divide	Cell 3 donate donkey	Cell 4 donor door
Cell 5 divorce dizzy	Cell 6 doctor document	Cell 5 dose double	Cell 6 dove draft
Block 3		Block 4	
Cell 1 dragon drama	Cell 2 drastic draw	Cell 1 drum dry	Cell 2 duck dumb
Cell 3 dream dress	Cell 4 drift drill	Cell 3 dune during	Cell 4 dust dutch
Cell 5 drink drip	Cell 6 drive drop	Cell 5 duty dwarf	Cell 6 dynamic eager
Block 5		Block 6	
Cell 1 eagle early	Cell 2 earn earth	Cell 1 educate effort	Cell 2 egg eight
Cell 3 easily east	Cell 4 easy echo	Cell 3 either elbow	Cell 4 elder electric
Cell 5 ecology economy	Cell 6 edge edit	Cell 5 elegant element	Cell 6 elephant elevator

Section 3

words 577–648

Block 1		Block 2	
Cell 1 elite else	Cell 2 embark embody	Cell 1 end endless	Cell 2 endorse enemy
Cell 3 embrace emerge	Cell 4 emotion employ	Cell 3 energy enforce	Cell 4 engage engine
Cell 5 empower empty	Cell 6 enable enact	Cell 5 enhance enjoy	Cell 6 enlist enough
Block 3		Block 4	
Cell 1 enrich enroll	Cell 2 ensure enter	Cell 1 erode erosion	Cell 2 error erupt
Cell 3 entire entry	Cell 4 envelope episode	Cell 3 escape essay	Cell 4 essence estate
Cell 5 equal equip	Cell 6 era erase	Cell 5 eternal ethics	Cell 6 evidence evil
Block 5		Block 6	
Cell 1 evoke evolve	Cell 2 exact example	Cell 1 exhibit exile	Cell 2 exist exit
Cell 3 excess exchange	Cell 4 excite exclude	Cell 3 exotic expand	Cell 4 expect expire
Cell 5 excuse execute	Cell 6 exercise exhaust	Cell 5 explain expose	Cell 6 express extend

Section 4

words 649–720

Block 1		Block 2	
Cell 1 extra eye	Cell 2 eyebrow fabric	Cell 1 family famous	Cell 2 fan fancy
Cell 3 face faculty	Cell 4 fade faint	Cell 3 fantasy farm	Cell 4 fashion fat
Cell 5 faith fall	Cell 6 false fame	Cell 5 fatal father	Cell 6 fatigue fault
Block 3		Block 4	
Cell 1 favorite feature	Cell 2 february federal	Cell 1 few fiber	Cell 2 fiction field
Cell 3 fee feed	Cell 4 feel female	Cell 3 figure file	Cell 4 film filter
Cell 5 fence festival	Cell 6 fetch fever	Cell 5 final find	Cell 6 fine finger
Block 5		Block 6	
Cell 1 finish fire	Cell 2 firm first	Cell 1 flat flavor	Cell 2 flee flight
Cell 3 fiscal fish	Cell 4 fit fitness	Cell 3 flip float	Cell 4 flock floor
Cell 5 fix flag	Cell 6 flame flash	Cell 5 flower fluid	Cell 6 flush fly

Section 5

words 721–792

Block 1		Block 2	
Cell 1 foam focus	Cell 2 fog foil	Cell 1 fortune forum	Cell 2 forward fossil
Cell 3 fold follow	Cell 4 food foot	Cell 3 foster found	Cell 4 fox fragile
Cell 5 force forest	Cell 6 forget fork	Cell 5 frame frequent	Cell 6 fresh friend
Block 3		Block 4	
Cell 1 fringe frog	Cell 2 front frost	Cell 1 future gadget	Cell 2 gain galaxy
Cell 3 frown frozen	Cell 4 fruit fuel	Cell 3 gallery game	Cell 4 gap garage
Cell 5 fun funny	Cell 6 furnace fury	Cell 5 garbage garden	Cell 6 garlic garment
Block 5		Block 6	
Cell 1 gas gasp	Cell 2 gate gather	Cell 1 ghost giant	Cell 2 gift giggle
Cell 3 gauge gaze	Cell 4 general genius	Cell 3 ginger giraffe	Cell 4 girl give
Cell 5 genre gentle	Cell 6 genuine gesture	Cell 5 glad glance	Cell 6 glare glass

Section 6

words 793–864

Block 1		Block 2	
Cell 1 glide glimpse	Cell 2 globe gloom	Cell 1 goose gorilla	Cell 2 gospel gossip
Cell 3 glory glove	Cell 4 glow glue	Cell 3 govern gown	Cell 4 grab grace
Cell 5 goat goddess	Cell 6 gold good	Cell 5 grain grant	Cell 6 grape grass
Block 3		Block 4	
Cell 1 gravity great	Cell 2 green grid	Cell 1 guide guilt	Cell 2 guitar gun
Cell 3 grief grit	Cell 4 grocery group	Cell 3 gym habit	Cell 4 hair half
Cell 5 grow grunt	Cell 6 guard guess	Cell 5 hammer hamster	Cell 6 hand happy
Block 5		Block 6	
Cell 1 harbor hard	Cell 2 harsh harvest	Cell 1 hedgehog height	Cell 2 hello helmet
Cell 3 hat have	Cell 4 hawk hazard	Cell 3 help hen	Cell 4 hero hidden
Cell 5 head health	Cell 6 heart heavy	Cell 5 high hill	Cell 6 hint hip

Page 3

words 865–1296

Section 1

words 865–936

Block 1		Block 2	
Cell 1 hire history	Cell 2 hobby hockey	Cell 1 horn horror	Cell 2 horse hospital
Cell 3 hold hole	Cell 4 holiday hollow	Cell 3 host hotel	Cell 4 hour hover
Cell 5 home honey	Cell 6 hood hope	Cell 5 hub huge	Cell 6 human humble
Block 3		Block 4	
Cell 1 humor hundred	Cell 2 hungry hunt	Cell 1 identify idle	Cell 2 ignore ill
Cell 3 hurdle hurry	Cell 4 hurt husband	Cell 3 illegal illness	Cell 4 image imitate
Cell 5 hybrid ice	Cell 6 icon idea	Cell 5 immense immune	Cell 6 impact impose
Block 5		Block 6	
Cell 1 improve impulse	Cell 2 inch include	Cell 1 inform inhale	Cell 2 inherit initial
Cell 3 income increase	Cell 4 index indicate	Cell 3 inject injury	Cell 4 inmate inner
Cell 5 indoor industry	Cell 6 infant inflict	Cell 5 innocent input	Cell 6 inquiry insane

Section 2

words 937–1008

Block 1		Block 2	
Cell 1 insect inside	Cell 2 inspire install	Cell 1 isolate issue	Cell 2 item ivory
Cell 3 intact interest	Cell 4 into invest	Cell 3 jacket jaguar	Cell 4 jar jazz
Cell 5 invite involve	Cell 6 iron island	Cell 5 jealous jeans	Cell 6 jelly jewel
Block 3		Block 4	
Cell 1 job join	Cell 2 joke journey	Cell 1 kangaroo keen	Cell 2 keep ketchup
Cell 3 joy judge	Cell 4 juice jump	Cell 3 key kick	Cell 4 kid kidney
Cell 5 jungle junior	Cell 6 junk just	Cell 5 kind kingdom	Cell 6 kiss kit
Block 5		Block 6	
Cell 1 kitchen kite	Cell 2 kitten kiwi	Cell 1 lady lake	Cell 2 lamp language
Cell 3 knee knife	Cell 4 knock know	Cell 3 laptop large	Cell 4 later latin
Cell 5 lab label	Cell 6 labor ladder	Cell 5 laugh laundry	Cell 6 lava law

Section 3

words 1009–1080

Block 1		Block 2	
Cell 1 lawn lawsuit	Cell 2 layer lazy	Cell 1 legend leisure	Cell 2 lemon lend
Cell 3 leader leaf	Cell 4 learn leave	Cell 3 length lens	Cell 4 leopard lesson
Cell 5 lecture left	Cell 6 leg legal	Cell 5 letter level	Cell 6 liar liberty
Block 3		Block 4	
Cell 1 library license	Cell 2 life lift	Cell 1 little live	Cell 2 lizard load
Cell 3 light like	Cell 4 limb limit	Cell 3 loan lobster	Cell 4 local lock
Cell 5 link lion	Cell 6 liquid list	Cell 5 logic lonely	Cell 6 long loop
Block 5		Block 6	
Cell 1 lottery loud	Cell 2 lounge love	Cell 1 machine mad	Cell 2 magic magnet
Cell 3 loyal lucky	Cell 4 luggage lumber	Cell 3 maid mail	Cell 4 main major
Cell 5 lunar lunch	Cell 6 luxury lyrics	Cell 5 make mammal	Cell 6 man manage

Section 4

words 1081–1152

Block 1		Block 2	
Cell 1 mandate mango	Cell 2 mansion manual	Cell 1 mass master	Cell 2 match material
Cell 3 maple marble	Cell 4 march margin	Cell 3 math matrix	Cell 4 matter maximum
Cell 5 marine market	Cell 6 marriage mask	Cell 5 maze meadow	Cell 6 mean measure
Block 3		Block 4	
Cell 1 meat mechanic	Cell 2 medal media	Cell 1 merit merry	Cell 2 mesh message
Cell 3 melody melt	Cell 4 member memory	Cell 3 metal method	Cell 4 middle midnight
Cell 5 mention menu	Cell 6 mercy merge	Cell 5 milk million	Cell 6 mimic mind
Block 5		Block 6	
Cell 1 minimum minor	Cell 2 minute miracle	Cell 1 model modify	Cell 2 mom moment
Cell 3 mirror misery	Cell 4 miss mistake	Cell 3 monitor monkey	Cell 4 monster month
Cell 5 mix mixed	Cell 6 mixture mobile	Cell 5 moon moral	Cell 6 more morning

Section 5

words 1153–1224

Block 1		Block 2	
Cell 1 mosquito mother	Cell 2 motion motor	Cell 1 muscle museum	Cell 2 mushroom music
Cell 3 mountain mouse	Cell 4 move movie	Cell 3 must mutual	Cell 4 myself mystery
Cell 5 much muffin	Cell 6 mule multiply	Cell 5 myth naive	Cell 6 name napkin
Block 3		Block 4	
Cell 1 narrow nasty	Cell 2 nation nature	Cell 1 nest net	Cell 2 network neutral
Cell 3 near neck	Cell 4 need negative	Cell 3 never news	Cell 4 next nice
Cell 5 neglect neither	Cell 6 nephew nerve	Cell 5 night noble	Cell 6 noise nominee
Block 5		Block 6	
Cell 1 noodle normal	Cell 2 north nose	Cell 1 nurse nut	Cell 2 oak obey
Cell 3 notable note	Cell 4 nothing notice	Cell 3 object oblige	Cell 4 obscure observe
Cell 5 novel now	Cell 6 nuclear number	Cell 5 obtain obvious	Cell 6 occur ocean

Section 6

words 1225–1296

Block 1		Block 2	
Cell 1 october odor	Cell 2 off offer	Cell 1 once one	Cell 2 onion online
Cell 3 office often	Cell 4 oil okay	Cell 3 only open	Cell 4 opera opinion
Cell 5 old olive	Cell 6 olympic omit	Cell 5 oppose option	Cell 6 orange orbit
Block 3		Block 4	
Cell 1 orchard order	Cell 2 ordinary organ	Cell 1 outside oval	Cell 2 oven over
Cell 3 orient original	Cell 4 orphan ostrich	Cell 3 own owner	Cell 4 oxygen oyster
Cell 5 other outdoor	Cell 6 outer output	Cell 5 ozone pact	Cell 6 paddle page
Block 5		Block 6	
Cell 1 pair palace	Cell 2 palm panda	Cell 1 party pass	Cell 2 patch path
Cell 3 panel panic	Cell 4 panther paper	Cell 3 patient patrol	Cell 4 pattern pause
Cell 5 parade parent	Cell 6 park parrot	Cell 5 pave payment	Cell 6 peace peanut

Page 4

words 1297–1728

Section 1words 1297–1368					
Block 1		Block 2			
Cell 1 pear peasant	Cell 2 pelican pen	Cell 1 phone photo	Cell 2 phrase physical		
Cell 3 penalty pencil	Cell 4 people pepper	Cell 3 piano picnic	Cell 4 picture piece		
Cell 5 perfect permit	Cell 6 person pet	Cell 5 pig pigeon	Cell 6 pill pilot		
Block 3		Block 4			
Cell 1 pink pioneer	Cell 2 pipe pistol	Cell 1 pledge pluck	Cell 2 plug plunge		
Cell 3 pitch pizza	Cell 4 place planet	Cell 3 poem poet	Cell 4 point polar		
Cell 5 plastic plate	Cell 6 play please	Cell 5 pole police	Cell 6 pond pony		
Block 5		Block 6			
Cell 1 pool popular	Cell 2 portion position	Cell 1 praise predict	Cell 2 prefer prepare		
Cell 3 possible post	Cell 4 potato pottery	Cell 3 present pretty	Cell 4 prevent price		
Cell 5 poverty powder	Cell 6 power practice	Cell 5 pride primary	Cell 6 print priority		

Section 2words 1369–1440					
Block 1		Block 2			
Cell 1 prison private	Cell 2 prize problem	Cell 1 prosper protect	Cell 2 proud provide		
Cell 3 process produce	Cell 4 profit program	Cell 3 public pudding	Cell 4 pull pulp		
Cell 5 project promote	Cell 6 proof property	Cell 5 pulse pumpkin	Cell 6 punch pupil		
Block 3		Block 4			
Cell 1 puppy purchase	Cell 2 purity purpose	Cell 1 question quick	Cell 2 quit quiz		
Cell 3 purse push	Cell 4 put puzzle	Cell 3 quote rabbit	Cell 4 raccoon race		
Cell 5 pyramid quality	Cell 6 quantum quarter	Cell 5 rack radar	Cell 6 radio rail		
Block 5		Block 6			
Cell 1 rain raise	Cell 2 rally ramp	Cell 1 raw razor	Cell 2 ready real		
Cell 3 ranch random	Cell 4 range rapid	Cell 3 reason rebel	Cell 4 rebuild recall		
Cell 5 rare rate	Cell 6 rather raven	Cell 5 receive recipe	Cell 6 record recycle		

Section 3words 1441–1512					
Block 1		Block 2			
Cell 1 reduce reflect	Cell 2 reform refuse	Cell 1 remain remember	Cell 2 remind remove		
Cell 3 region regret	Cell 4 regular reject	Cell 3 render renew	Cell 4 rent reopen		
Cell 5 relax release	Cell 6 relief rely	Cell 5 repair repeat	Cell 6 replace report		
Block 3		Block 4			
Cell 1 require rescue	Cell 2 resemble resist	Cell 1 review reward	Cell 2 rhythm rib		
Cell 3 resource response	Cell 4 result retire	Cell 3 ribbon rice	Cell 4 rich ride		
Cell 5 retreat return	Cell 6 reunion reveal	Cell 5 ridge rifle	Cell 6 right rigid		
Block 5		Block 6			
Cell 1 ring riot	Cell 2 ripple risk	Cell 1 romance roof	Cell 2 rookie room		
Cell 3 ritual rival	Cell 4 river road	Cell 3 rose rotate	Cell 4 rough round		
Cell 5 roast robot	Cell 6 robust rocket	Cell 5 route royal	Cell 6 rubber rude		

Section 4words 1513–1584					
Block 1		Block 2			
Cell 1 rug rule	Cell 2 run runway	Cell 1 salon salt	Cell 2 salute same		
Cell 3 rural sad	Cell 4 saddle sadness	Cell 3 sample sand	Cell 4 satisfy satoshi		
Cell 5 safe sail	Cell 6 salad salmon	Cell 5 sauce sausage	Cell 6 save say		
Block 3		Block 4			
Cell 1 scale scan	Cell 2 scare scatter	Cell 1 screen script	Cell 2 scrub sea		
Cell 3 scene scheme	Cell 4 school science	Cell 3 search season	Cell 4 seat second		
Cell 5 scissors scorpion	Cell 6 scout scrap	Cell 5 secret section	Cell 6 security seed		
Block 5		Block 6			
Cell 1 seek segment	Cell 2 select sell	Cell 1 setup seven	Cell 2 shadow shaft		
Cell 3 seminar senior	Cell 4 sense sentence	Cell 3 shallow share	Cell 4 shed shell		
Cell 5 series service	Cell 6 session settle	Cell 5 sheriff shield	Cell 6 shift shine		

Section 5words 1585–1656					
Block 1		Block 2			
Cell 1 ship shiver	Cell 2 shock shoe	Cell 1 shy sibling	Cell 2 sick side		
Cell 3 shoot shop	Cell 4 short shoulder	Cell 3 siege sight	Cell 4 sign silent		
Cell 5 shove shrimp	Cell 6 shrug shuffle	Cell 5 silk silly	Cell 6 silver similar		
Block 3		Block 4			
Cell 1 simple since	Cell 2 sing siren	Cell 1 skin skirt	Cell 2 skull slab		
Cell 3 sister situate	Cell 4 six size	Cell 3 slam sleep	Cell 4 slender slice		
Cell 5 skate sketch	Cell 6 ski skill	Cell 5 slide slight	Cell 6 slim slogan		
Block 5		Block 6			
Cell 1 slot slow	Cell 2 slush small	Cell 1 snow soap	Cell 2 soccer social		
Cell 3 smart smile	Cell 4 smoke smooth	Cell 3 sock soda	Cell 4 soft solar		
Cell 5 snack snake	Cell 6 snap sniff	Cell 5 soldier solid	Cell 6 solution solve		

Section 6words 1657–1728					
Block 1		Block 2			
Cell 1 someone song	Cell 2 soon sorry	Cell 1 spatial spawn	Cell 2 speak special		
Cell 3 sort soul	Cell 4 sound soup	Cell 3 speed spell	Cell 4 spend sphere		
Cell 5 source south	Cell 6 space spare	Cell 5 spice spider	Cell 6 spike spin		
Block 3		Block 4			
Cell 1 spirit split	Cell 2 spoil sponsor	Cell 1 squeeze squirrel	Cell 2 stable stadium		
Cell 3 spoon sport	Cell 4 spot spray	Cell 3 staff stage	Cell 4 stairs stamp		
Cell 5 spread spring	Cell 6 spy square	Cell 5 stand start	Cell 6 state stay		
Block 5		Block 6			
Cell 1 steak steel	Cell 2 stem step	Cell 1 story stove	Cell 2 strategy street		
Cell 3 stereo stick	Cell 4 still sting	Cell 3 strike strong	Cell 4 struggle student		
Cell 5 stock stomach	Cell 6 stone stool	Cell 5 stuff stumble	Cell 6 style subject		

Page 5

words 1729–2048

Section 1				words 1729–1800			
Block 1		Block 2					
Cell 1	Cell 2	Cell 1	Cell 2				
submit subway	success such	Cell 1	Cell 2				
		Cell 3	Cell 4				
sudden suffer	sugar suggest	sure surface	surge surprise				
Cell 5	Cell 6	Cell 3	Cell 4				
suit summer	sun sunny	Cell 5	Cell 6				
		surround survey	suspect sustain				
Block 3		Block 4					
Cell 1	Cell 2	Cell 1	Cell 2				
swallow swamp	swap swarm	Cell 1	Cell 2				
		Cell 3	Cell 4				
swear sweet	swift swim	tackle tag	tail talent				
Cell 5	Cell 6	Cell 3	Cell 4				
swing switch	sword symbol	Cell 5	Cell 6				
		talk tank	tape target				
Block 5		Block 6					
Cell 1	Cell 2	Cell 1	Cell 2				
task taste	tattoo taxi	Cell 1	Cell 2				
		Cell 3	Cell 4				
teach team	tell ten	theme then	theory there				
Cell 5	Cell 6	Cell 3	Cell 4				
tenant tennis	tent term	Cell 5	Cell 6				
		they thing	this thought				

Section 3				words 1873–1944			
Block 1		Block 2					
Cell 1	Cell 2	Cell 1	Cell 2				
tube tuition	tumble tuna	Cell 1	Cell 2				
		Cell 3	Cell 4				
tunnel turkey	turn turtle	ugly umbrella	unable unaware				
Cell 5	Cell 6	Cell 3	Cell 4				
twelve twenty	twice twin	Cell 5	Cell 6				
		uncle uncover	under undo				
Block 3		Block 4					
Cell 1	Cell 2	Cell 1	Cell 2				
unfair unfold	unhappy uniform	Cell 1	Cell 2				
		Cell 3	Cell 4				
unique unit	universe unknown	update upgrade	uphold upon				
Cell 5	Cell 6	Cell 3	Cell 4				
unlock until	unusual unveil	upper upset	urban urge				
		Cell 5	Cell 6				
		usage use	used useful				
Block 5		Block 6					
Cell 1	Cell 2	Cell 1	Cell 2				
useless usual	utility vacant	Cell 1	Cell 2				
		Cell 3	Cell 4				
vacuum vague	valid valley	various vast	vault vehicle				
Cell 5	Cell 6	Cell 3	Cell 4				
valve van	vanish vapor	velvet vendor	venture venue				
		Cell 5	Cell 6				
		verb verify	version very				

Section 5				words 2017–2048			
Block 1		Block 2					
Cell 1	Cell 2	Cell 1	Cell 2				
winter wire	wisdom wise	Cell 1	Cell 2				
		Cell 3	Cell 4				
wish witness	wolf woman	wrap wreck	wrestle wrist				
Cell 5	Cell 6	Cell 3	Cell 4				
wonder wood	wool word	Cell 5	Cell 6				
		write wrong	yard year				
Block 3		Block 4					
Cell 1	Cell 2	Block 4 ROLL AGAIN					
yellow you	young youth						
Cell 3	Cell 4						
zebra zero	zone zoo						
ROLL AGAIN		ROLL AGAIN					
Block 5		Block 6					
ROLL AGAIN		ROLL AGAIN					

Section 2				words 1801–1872			
Block 1		Block 2					
Cell 1	Cell 2	Cell 1	Cell 2				
three thrive	throw thumb	Cell 1	Cell 2				
		Cell 3	Cell 4				
thunder ticket	tide tiger	Cell 3	Cell 4				
Cell 5	Cell 6	Cell 5	Cell 6				
tilt timber	time tiny	toast tobacco	today toddler				
		Cell 5	Cell 6				
		toe together	toilet token				
Block 3		Block 4					
Cell 1	Cell 2	Cell 1	Cell 2				
tomato tomorrow	tone tongue	Cell 1	Cell 2				
		Cell 3	Cell 4				
tonight tool	tooth top	tortoise toss	total tourist				
Cell 5	Cell 6	Cell 3	Cell 4				
topic topple	torch tornado	toward tower	town toy				
		Cell 5	Cell 6				
		track trade	traffic tragic				
Block 5		Block 6					
Cell 1	Cell 2	Cell 1	Cell 2				
train transfer	trap trash	Cell 1	Cell 2				
		Cell 3	Cell 4				
travel tray	treat tree	trigger trim	trip trophy				
Cell 5	Cell 6	Cell 3	Cell 4				
trend trial	tribe trick	trouble truck	true truly				
		Cell 5	Cell 6				
		trumpet trust	truth try				

Section 4				words 1945–2016			
Block 1		Block 2					
Cell 1	Cell 2	Cell 1	Cell 2				
vessel veteran	viable vibrant	Cell 1	Cell 2				
		Cell 3	Cell 4				
vicious victory	video view	virus visa	visit visual				
Cell 5	Cell 6	Cell 3	Cell 4				
village vintage	violin virtual	vital vivid	vocal voice				
		Cell 5	Cell 6				
		void volcano	volume vote				
Block 3		Block 4					
Cell 1	Cell 2	Cell 1	Cell 2				
voyage wage	wagon wait	Cell 1	Cell 2				
		Cell 3	Cell 4				
walk wall	walnut want	wasp waste	water wave				
Cell 5	Cell 6	Cell 3	Cell 4				
warfare warm	warrior wash	way wealth	weapon wear				
		Cell 5	Cell 6				
		weasel weather	web wedding				
Block 5		Block 6					
Cell 1	Cell 2	Cell 1	Cell 2				
weekend weird	welcome west	Cell 1	Cell 2				
		Cell 3	Cell 4				
wet whale	what wheat	whisper wide	width wife				
Cell 5	Cell 6	Cell 3	Cell 4				
wheel when	where whip	wild will	win window				
		Cell 5	Cell 6				
		wine wing	wink winner				

Section 6

ROLL AGAIN

ROLL AGAIN

Instructions

Overview

Turn dice rolls into a Bitcoin BIP-39 seed phrase, completely offline. Each set of 5 rolls picks 1 word at random from the full list of 2048 words. The words come from the dice alone, not from a wallet's random-number generator — which has quietly and catastrophically failed in multiple devices.

Step 1: Print and arrange pages

Print this entire PDF, one page per sheet, not double-sided. Arrange pages 1–6 as shown on the right.

Look at page 1. Notice the page has 6 sections, each section has 6 blocks, and each block has 6 cells. They're all laid out the same way as the pages. Each cell then has 2 words, one on the left and one on the right.

Step 2: Prepare worksheet and dice

Review the worksheet (the last sheet of this PDF). Use it to write down the dice roll numbers and the final word. Pencil works best, since you erase everything if you end up on a ROLL AGAIN.

You'll be rolling 1 die 5 times, or 5 dice at once in a container. If you have 5 dice, a square plastic box with a clear lid works well, lining up the 5 dice on an edge.

Step 3: Generate each word

Do this process for each word. Repeat until you have 11 words (12-word seed phrase) or 23 words (24-word seed phrase).

First, roll all 5 numbers for the word

Get 5 rolls (either with 1 die or 5 dice) and write the numbers on the worksheet, left to right. If the first number is a 6, ignore that set and ROLL AGAIN, since page 6 has blanks (see the Notes section for details).

Then, find the word.

Roll 1: go to numbered page

Roll 2: go to numbered section on page

Roll 3: go to numbered block in section

Roll 4: go to numbered cell in block

Roll 5: LEFT word for 1, 2 or 3. RIGHT word for 4, 5 or 6.

Write the Roll 5 word in the last worksheet column.

If you land on a grey ROLL AGAIN area, erase everything for that word and roll a new set of 5 numbers.

Step 4: Calculate final word

The last word of a seed phrase is a checksum, and needs to be calculated from the words you already have.

The easiest way is a hardware wallet: enter your 11 or 23 words and the device calculates the final word. SeedSigner, Jade and Passport all have this feature.

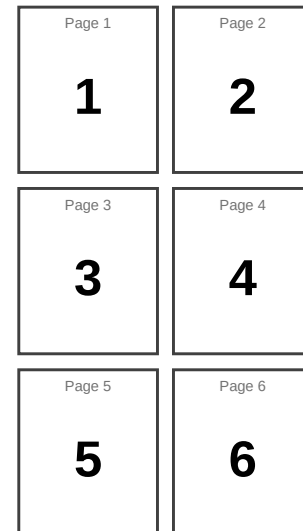
No hardware wallet? Use an offline tool such as SeedPicker or BIP39 Recoverer, on a computer with no internet connection — ideally booted from a Linux live USB.

Write it on the final word line at the bottom of the worksheet.

Step 5: Store seed phrase, destroy worksheet

Copy the complete seed phrase to permanent storage. Then completely destroy (burn) the worksheet.

Step 1 page layout



Notes:

- Do a few practice seed phrases first.
- No phones, cameras or smart devices in the room.
- Do not mark any words on the word pages, unless you plan to completely destroy those pages as well as the worksheet.
- About one fifth of attempts dead-end on a ROLL AGAIN area, that's expected.
- Why are there blank ROLL AGAIN areas? Every single word needs to have the same chance of getting picked. The 5 rolls lead to 2592 different possible combinations (roll 5 only picks left or right), more than the 2048 words. So 544 places are blank.

Worksheet

12-word seed phrase: fill rows 1–11. 24-word seed phrase: fill rows 1–23.

#	Roll 1 Page	Roll 2 Section	Roll 3 Block	Roll 4 Cell	Roll 5 Left / Right	Word
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
<i>stop here for a 12-word seed phrase — word 12 is the calculated final word</i>						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						

Final word (calculated, NOT rolled): _____

This sheet contains your seed phrase. Destroy it completely once the phrase is backed up.