

Name: _____

Cryptocurrency Activities



Cryptocurrencies are a type of digital currency, which means that there are no bank notes or coins, and all transactions take place online. There are lots of different cryptocurrencies – just as there are lots of different currencies around the world, such as pounds, euros and dollars. The big difference is that currencies are issued by national banks and governments, and there are lots of rules about how they are used. Cryptocurrencies can be set up by anyone, and there are fewer rules. Some people worry that this means they could be used by criminals who want to hide their money and what they are buying with it.

If you were going to start up a cryptocurrency, what would you call it? Come up with a name for your currency and design a logo for it.

My cryptocurrency is called:

.....

Hacking the blockchain

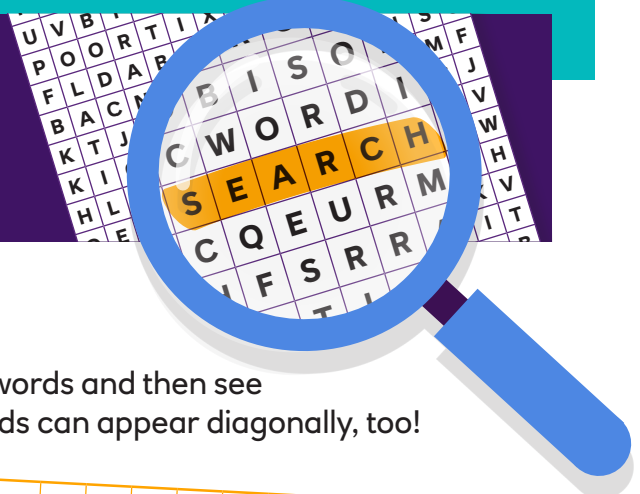
Cryptocurrencies use something called a “blockchain” to keep track of all the transactions that have ever taken place. All the computers using the blockchain hold a copy of this information which makes it very secure. If anyone tries to change something in the blockchain there are lots of other copies with the correct information, and the machine that had been hacked will be removed from the network.

Can you spot which records don't belong in the blockchain?



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Crypto search

Discover the meanings of these cryptocurrency-related words and then see if you can **find them in the wordsearch**. Remember, words can appear diagonally, too!

- Transaction** – when someone buys or sells something.
- Blockchain** – the system that keeps a record of transactions made in bitcoin or another cryptocurrency. Copies of this record are kept on lots of computers so no-one can change the records without permission from everyone else in the network.
- Cryptocurrency** – a digital currency that uses cryptography to secure transactions which are recorded on a blockchain.
- Cryptography** – this means writing in code, so that other people can't see your message. Computers use complicated maths to code and de-code information to keep transactions safe and secure.
- Bitcoin** – this is the first cryptocurrency that was ever released.
- Digital wallet** - a secure digital wallet that is used to store, send, and receive digital currencies like Bitcoin.
- Hacking** – getting access to information on a computer that you are not allowed to see.
- Security** – how we try and protect ourselves and our money, such as using passwords and fingerprint ID.
- Scams** – illegal tricks that are used to try and steal money or valuable information from people.
- Investing** – a way of using your money in a way that may increase its value over time.
- Volatile** – likely to change suddenly and unexpectedly.



Did you know?

- Crypto means “hidden” or “secret” in Greek
- The first cryptocurrency was Bitcoin, which was founded in 2009
- There are more than 5,000 different cryptocurrencies

Can you research any more fun facts about cryptocurrencies?

