



What is Blockchain?

Blockchain is a technology that records and stores information in a way that makes it impossible to change or hack. Any credentials that are issued to an individual's blockchain portfolio must come from a **verified source**. Once added, the individual is unable to modify. Blockchain is **innovative** in how information is recorded, because once the credential is awarded, the data belongs to the user – not a district or company. This information follows the individual **forever**.

Why FocalPoint for Blockchain?

FocalPoint blockchaining can assist districts with **housing data** such as transcripts, diplomas, attendance data, micro-credentials verifying skills, badges to motivate academic performance, and much more. Districts and educators are able to **award credentials**, creating from their own design or a preset template. Credentials and badges can be awarded individually or via an integration. No one can delete or tamper with blockchain data once issued. And unlike other companies... the individuals have access to their portfolio **forever**, not just while they are users of FocalPoint.

Certificate of Completions Verified

FocalPoint Blockchain leverages the power of Ethereum blockchain technology as a means to identify and verify student achievements. Ethereum is a globally recognized blockchain provider.

Decentralized Networks

- Verified
- Tamper Proof
- Secure



No central point of failure and security by cryptography, and applications are protected against fraud and attacks.

Ethereum

FocalPoint leverages Ethereum to build decentralized applications. Instead of launching new blockchains for each app, FocalPoint Blockchain puts all education blockchains on an Ethereum platform.

Blockchains

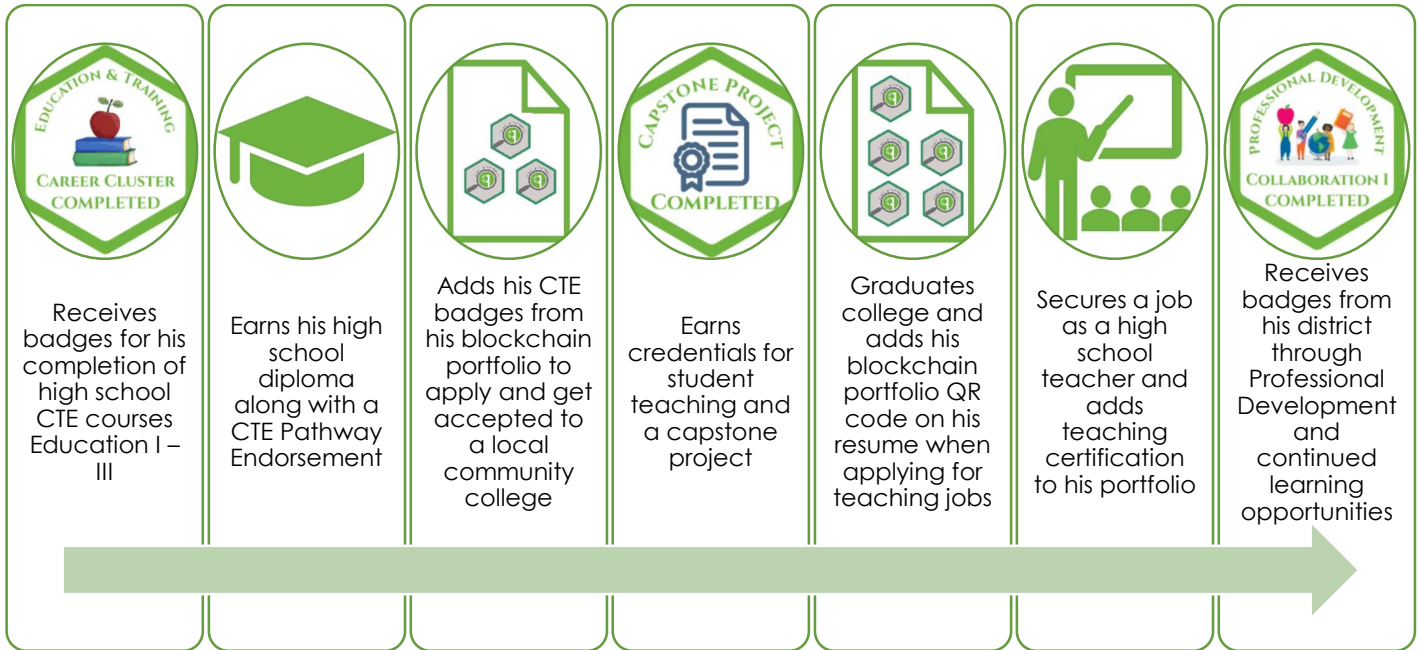
- Authenticated
- Global
- Permanent



Every block of data is stored all across the network, leading to a world-wide environment where all is secure, and everyone permitted is in the know.

How does it work?

Here is an example. Sean becomes interested in becoming a teacher his junior year of high school. Below are the steps Sean takes in pursuing a career in education, along with the benefits of having a blockchain portfolio during his progression from education to career.



What are the benefits?

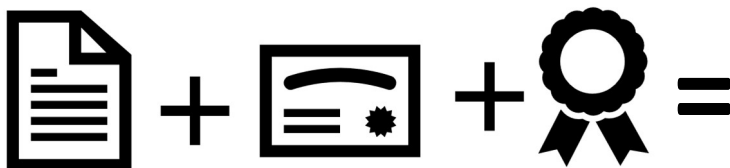
- The credentials and badges earned, follow the individual for life
- All added credentials are verified as reputable
- Future employers can trust that information is factual
- Districts and employers can use Blockchain to recognize skills earned
- The Blockchain Portfolio creates an organized place to collect credentials

Why is this the future?

When schools or employers get applicants, the time to go through their resumes, transcripts, references, etc. can be time consuming. Social media sites and resumes are easy to add false information to but accessing an individual's blockchain portfolio gives credibility in knowing that all credentials and badges are verified.

In addition, for individuals, there is no need to track down transcripts or awards or certifications. Blockchain technology allows all earned recognitions and achievements to live in one place. This also allows the portfolio to grow as the individual advances professionally.

Verified. Organized. Secure... Prepare Students for the Future



<p>Capstone Completion</p> <p>Learning Objective 1: Student earned this badge by completing the CTE capstone project.</p> <p>Given by Ieona demoteacher on 08/27/2021</p>	<p>Education & Training Career Cluster Completion</p> <p>Learning Objective 1: This badge is awarded to students who complete the Education & Training Career Cluster pathway in high school.</p> <p>Given by Ieona demoteacher on 08/27/2021</p>
<p>EDUCATION II</p> <p>Learning Objective 1:</p> <p>Given by Ieona demoteacher on 08/27/2021</p>	<p>Student Teaching Completion</p> <p>Learning Objective 1:</p> <p>Given by Ieona demoteacher on 08/27/2021</p>