

**POEM**  
**Educating the Youth on the Future of Money**

**Lesson One: Introduction to Digital Currency**

**Objective:** To introduce students aged 14-16 to the basic concepts of digital currency in a fun and engaging manner.

**Introduction (10 minutes):** Begin the lesson by asking students what they know about money and how they use it in their daily lives. Then, explain that digital currency is like money but exists only in digital form and can be used for online transactions.

**Video:** <https://www.youtube.com/watch?v=BL5vUVQvmX4>

**Discussion (10 minutes):** After watching the video, facilitate a discussion with the students:

- What is digital currency?
- How is it different from traditional money?
- Can you think of any examples of digital currency?

**Activity: Design Your Own Digital Coin (15 minutes):** Divide the class into small groups and provide each group with materials such as paper, markers, and stickers. Instruct them to design their own digital coins, including a unique name, symbol, and value. Encourage creativity and innovation in their designs.

**Video:** [Watch: "Bitcoin Explained Simply for Beginners"](#)

**Discussion (10 minutes):** After watching the video, lead a discussion on Bitcoin:

- What is Bitcoin?
- How does it work?
- Why do you think Bitcoin is popular?

**Activity: Digital Currency Scavenger Hunt (20 minutes):** Create a list of digital currency-related terms (e.g., blockchain, cryptocurrency, wallet) and hide them around the classroom or school. Divide the class into teams and challenge them to find as many terms as they can within a set time limit. Encourage teamwork and cooperation.

**Reflection (10 minutes):** Ask students to reflect on what they've learned about digital currency during the lesson. What was the most interesting thing they discovered? What questions do they still have?

**Homework:** Assign students to research and write a short paragraph about a specific cryptocurrency of their choice (e.g., Ethereum, Litecoin). They should include information about its history, features, and how it can be used.

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**Conclusion:** Summarize the key points covered in the lesson and emphasize the importance of understanding digital currency in today's world. Encourage students to continue exploring the topic and ask questions if they're curious about anything related to digital finance.

#### **Lesson Two: Exploring Different Types of Cryptocurrencies**

**Objective:** To introduce students aged 14-16 to various types of cryptocurrencies and their functionalities in an engaging manner.

**Introduction (10 minutes):** Begin the lesson by recapping the concept of digital currency and Bitcoin briefly. Ask students to share what they remember from the previous lesson. Explain that today, they will learn about different types of cryptocurrencies beyond Bitcoin.

**Video:** [Watch: "Introduction to Cryptocurrencies"](#)

**Discussion (15 minutes):** After watching the video, lead a discussion with the students:

- What are cryptocurrencies?
- Can you name some examples of cryptocurrencies mentioned in the video?
- How do cryptocurrencies differ from traditional currencies?

**Activity: Cryptocurrency Trading Game (20 minutes):** Divide the class into small groups and provide each group with a set of play money representing different cryptocurrencies (e.g., Bitcoin, Ethereum, Litecoin). Create a simulated trading environment where students can buy and sell cryptocurrencies based on real-time market conditions (you can use a simple spreadsheet or online simulation tool). Encourage students to strategize and analyze market trends as they participate in the trading game.

**Video:** [Watch: "What is Ethereum?"](#)

**Discussion (15 minutes):** After watching the video, facilitate a discussion on Ethereum:

- What is Ethereum?
- How does it differ from Bitcoin?
- What are smart contracts, and how do they work on the Ethereum platform?

**Activity: Cryptocurrency Poster Creation (20 minutes):** Ask each student to choose a different cryptocurrency (e.g., Ripple, Cardano, Dogecoin) and research its features, use cases, and unique characteristics. Provide art supplies and encourage students to create colorful posters showcasing their chosen cryptocurrencies. Once completed, students can present their posters to the class, explaining why they find their chosen cryptocurrency interesting.

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**Reflection (10 minutes):** Have students reflect on what they've learned about different types of cryptocurrencies during the lesson. Ask them to consider which cryptocurrency they find most intriguing and why.

**Homework:** Assign students to research and write a short paragraph about a specific cryptocurrency that was not discussed in class. They should include information about its history, purpose, and potential impact on the digital currency market.

**Conclusion:** Summarize the key points covered in the lesson and emphasize the diversity of cryptocurrencies beyond Bitcoin. Encourage students to continue exploring the world of digital finance and to stay curious about emerging technologies in the field.

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**Lesson Three: Understanding the Blockchain Technology Behind Digital Currency**

**Objective:** To introduce students aged 14-16 to the concept of blockchain technology and its role in digital currency transactions.

**Introduction (10 minutes):** Begin by asking students if they've heard of blockchain technology and what they know about it. Explain that blockchain is the underlying technology behind digital currencies like Bitcoin, and it's essentially a decentralized and secure way of recording transactions.

**Video:** [Watch: "What is Blockchain?"](#)

**Discussion (15 minutes):** After watching the video, lead a discussion on blockchain technology:

- What is blockchain, and how does it work?
- Why is blockchain considered secure and transparent?
- What are some potential applications of blockchain technology beyond digital currency?

**Activity: Building a Paper Chain Blockchain (20 minutes):** Divide the class into small groups and provide each group with strips of paper and markers. Instruct them to simulate a blockchain by writing down transactions on each strip of paper and then linking them together in chronological order. Emphasize the importance of consensus in adding new blocks to the chain.

**Video:** <https://www.youtube.com/watch?v=XaTqdCgbk7Y>

**Discussion (15 minutes):** After watching the video, facilitate a discussion on the technical aspects of blockchain technology:

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- How are transactions verified and added to the blockchain?
- What is the role of miners in the blockchain network?
- How does blockchain ensure security and immutability?

**Activity: Design Your Own Blockchain (20 minutes):** Challenge students to brainstorm and design their own blockchain system on paper. Encourage them to consider the structure, consensus mechanism, and potential applications of their blockchain. After designing, students can share their ideas with the class and discuss the benefits and limitations of their designs.

**Reflection (10 minutes):** Ask students to reflect on what they've learned about blockchain technology during the lesson. Encourage them to think about how blockchain might revolutionize various industries and systems in the future.

**Homework:** Assign students to research a real-world application of blockchain technology (e.g., supply chain management, voting systems) and write a short report discussing its potential impact.

**Conclusion:** Summarize the key points covered in the lesson and emphasize the significance of blockchain technology in the context of digital currency and beyond. Encourage students to stay curious and explore further topics related to technology and finance.

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