

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

**Lesson One: Exploring the World of Digital Currency**

**Objective:** To introduce students to the concept of digital currency, its significance, and basic terminology associated with it.

**Introduction (10 minutes):** Start the lesson by asking students what they know about digital currency. Write down their responses on the board to gauge their prior knowledge. Explain that digital currency is a form of currency that exists only in digital form and is not backed by any physical commodity.

**Video:** <https://www.youtube.com/watch?v=1YyAzVmP9xQ&t=1s>

**Discussion (15 minutes):** After watching the video, lead a discussion on the key points covered:

- What is digital currency?
- How does it differ from traditional currency?
- What are some examples of digital currencies mentioned in the video?

**Activity: Digital Currency Terminology (15 minutes):** Divide the class into small groups and provide each group with a list of digital currency-related terms such as blockchain, cryptocurrency, mining, wallet, etc. Ask them to discuss the meaning of each term and come up with simple explanations. Each group will then present their findings to the class.

**Video:** [Watch: "How Does Blockchain Work?"](#)

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

- What is blockchain?
- How does it work?
- What are some potential applications of blockchain technology beyond digital currency?

**Reflection (10 minutes):** Ask students to reflect on what they've learned so far about digital currency and blockchain technology. Encourage them to consider the implications of these technologies on finance, economy, and society.

**Homework:** Assign students to research and prepare a short presentation on a specific digital currency of their choice. They should include information such as its history, how it works, its current value, and any controversies or challenges associated with it.

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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 stay curious and continue exploring the topic.

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

**Objective:** To familiarize students with different types of cryptocurrencies, their features, and functionalities.

**Introduction (10 minutes):** Recap the previous lesson by asking students to briefly summarize what they learned about digital currency and blockchain technology. Explain that today's lesson will focus on exploring various types of cryptocurrencies.

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

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

- What is Bitcoin?
- How does it work?
- What are some advantages and disadvantages of using Bitcoin?

**Activity: Cryptocurrency Showcase (20 minutes):** Divide the class into small groups and assign each group a different cryptocurrency to research (e.g., Ethereum, Litecoin, Ripple). Provide resources such as websites, articles, or infographics to assist their research. Each group will then create a short presentation showcasing their assigned cryptocurrency, including its features, purpose, and unique characteristics.

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

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

- What is Ethereum and how does it differ from Bitcoin?
- What are smart contracts, and how do they relate to Ethereum's functionality?
- What are some potential applications of Ethereum beyond cryptocurrency?

**Activity: Crypto Quiz (15 minutes):** Organize a fun quiz with questions related to different cryptocurrencies, blockchain technology, and digital currency terminology. You can use online quiz platforms or traditional pen-and-paper quizzes. Award small prizes to the students or groups with the highest scores.

**Reflection (10 minutes):** Encourage students to reflect on the diversity of cryptocurrencies discussed in the lesson. Ask them to consider which cryptocurrency they find most interesting and why.

**Homework:** Assign students to write a short essay comparing and contrasting two different cryptocurrencies of their choice. They should analyze their features, advantages, disadvantages, and potential impact on the economy.

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**Conclusion:** Summarize the key points covered in the lesson and highlight the importance of understanding the variety of cryptocurrencies in the digital currency landscape. Encourage students to continue exploring and learning about emerging technologies in the field.

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

**Introduction (10 minutes):** Start by revisiting the concept of blockchain technology briefly. Ask students to recall what they learned about it in the previous lessons. Emphasize its significance in the world of digital currency and beyond.

**Video:** [Watch: "How Blockchain Works"](#)

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

- What is a blockchain?
- How does it work?
- What are the key features of blockchain technology?

**Activity: Blockchain Simulation (20 minutes):** Introduce students to a simplified blockchain simulation activity. Divide the class into small groups and provide each group with a set of cards representing blocks of transactions. Each block should contain a series of transactions (written on the cards) along with a unique identifier (block number). Instruct students to arrange the blocks in chronological order and link them together using string or tape to represent the blockchain. This hands-on activity will help students visualize how blockchain maintains a secure and tamper-resistant ledger of transactions.

**Video:** [Watch: "Blockchain Explained Simply"](#)

**Discussion (15 minutes):** After watching the video, lead a discussion on the simplicity and effectiveness of blockchain:

- What are some advantages of using blockchain technology?
- How does blockchain ensure transparency and security in digital transactions?
- What are some potential challenges or limitations of blockchain technology?

**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 security measures of their blockchain. They can present their designs to the class and discuss the rationale behind their decisions.

**Reflection (10 minutes):** Ask students to reflect on their understanding of blockchain technology and its implications. Encourage them to think critically about how blockchain can revolutionize various industries beyond finance.

**Homework:** Assign students to research a real-world application of blockchain technology outside of digital currency (e.g., supply chain management, voting systems, healthcare)

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records). They should write a short report summarizing the application and its potential benefits.

**Conclusion:** Summarize the key points covered in the lesson and highlight the importance of understanding blockchain technology in the context of digital currency. Encourage students to explore further applications of blockchain and stay informed about technological advancements in the field.

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