

POEM

Educating the Youth on the Future of Money

Lesson One: Exploring Digital Coins

Objective: To introduce young learners aged 7-11 to the basic concepts of digital currency through creative activities and engaging videos.

Introduction (10 minutes): Begin the lesson by asking students if they've heard of digital currency and what they know about it. 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=GZ7y-yFdX9M>

Discussion (10 minutes): After watching the video, lead a brief discussion based on the following questions:

- What did you learn about digital currency from the video?
- How is digital currency different from traditional money?
- Can you think of any examples of digital currency?

Activity: Draw Your Own Digital Coin (20 minutes): Provide each student with paper and markers or crayons. Instruct them to design their own digital coins, including a unique name, symbol, and value. Encourage creativity and imagination in their designs, and allow them to share their creations with the class afterward.

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

Discussion (10 minutes): After watching the video, lead a brief discussion based on the following questions:

- What did you learn about Bitcoin from the video?
- How is Bitcoin used as a digital currency?
- What features do you think make Bitcoin interesting?

Activity: Digital Coin Scavenger Hunt (15 minutes): Hide printed images of digital coins around the classroom or designated area. Divide the class into small groups and challenge them to find as many digital coins as they can within a set time limit. Encourage teamwork and cooperation as they search for the hidden coins.

Activity: Create Your Digital Wallet (15 minutes): Provide each student with a small envelope or container, stickers, and markers. Instruct them to decorate and personalize their digital wallets. Explain that digital wallets are used to store digital coins securely. Once they've finished decorating, have them write their name on their wallets.

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Conclusion (10 minutes): Summarize the key points covered in the lesson and emphasize the fun and creativity involved in learning about digital currency. Encourage students to continue exploring the topic and to share what they've learned with their friends and family.

Homework: Encourage students to use their digital wallets at home for fun activities, such as "earning" digital coins for completing chores or tasks.

Optional Extension Activity: Digital Coin Trading Game Organize a simple trading game where students can exchange their digital coins with each other. This activity helps reinforce the concept of digital transactions and introduces basic economic principles in a playful way.

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Lesson Two: Exploring Different Types of Cryptocurrencies

Objective: To introduce young learners aged 7-11 to various types of cryptocurrencies through engaging videos and interactive activities.

Introduction (10 minutes): Begin the lesson by recapping the concept of digital currency briefly. Ask students to recall what they learned in the previous lesson about digital currency and its basic features. Explain that today, they will learn about different types of digital currencies called cryptocurrencies.

Video: <https://www.youtube.com/watch?v=9ymZlz2l53I>

Discussion (10 minutes): After watching the video, facilitate a discussion on cryptocurrencies:

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

Activity: Crypto Match-Up (15 minutes): Create a set of cards, each featuring the name and logo of a different cryptocurrency (e.g., Bitcoin, Ethereum, Litecoin). Divide the class into small groups and distribute the cards. Instruct students to match each cryptocurrency with its corresponding description or feature. This activity will help reinforce their understanding of different cryptocurrencies and their functionalities.

Video: <https://www.youtube.com/watch?v=vPMDpb9ho4s>

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

- What is Ethereum?
- How does it differ from Bitcoin?
- What are some unique features or functionalities of Ethereum?

Activity: Cryptocurrency Trivia (15 minutes): Organize a trivia game with questions related to various cryptocurrencies, their history, features, and notable events in the cryptocurrency world. Divide the class into teams and award points for correct answers. This activity will make learning about cryptocurrencies interactive and enjoyable.

Conclusion (10 minutes): 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.

Homework: Encourage students to research a specific cryptocurrency of their interest and create a simple drawing or poster explaining its features and uses.

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Optional Extension Activity: Create Your Own Cryptocurrency Challenge students to brainstorm and create their own imaginary cryptocurrency. They can come up with a name, logo, and unique features for their cryptocurrency. This activity encourages creativity and critical thinking while reinforcing the concepts learned in the lesson.

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Lesson Three: Understanding the Basics of Blockchain Technology

Objective: To introduce young learners aged 7-11 to the fundamental concepts of blockchain technology in an accessible and engaging manner.

Introduction (10 minutes): Begin the lesson 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: <https://www.youtube.com/watch?v=cFVGBxYiBFo>

Discussion (10 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?
- Can you think of any other potential applications of blockchain technology besides 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=t0ZAXwV1CI8>

Discussion (10 minutes): After watching the video, facilitate a discussion on the role of miners in the blockchain network:

- What is Bitcoin mining, and how does it contribute to the security of the blockchain?
- Why is mining necessary for verifying transactions and adding new blocks to the blockchain?
- Can you think of any challenges or drawbacks associated with Bitcoin mining?

Activity: Design Your Own Blockchain (15 minutes): Encourage students to imagine and sketch their own version of a blockchain system. They can draw how transactions are recorded, how blocks are linked, and how consensus is reached. This activity stimulates creativity and reinforces their understanding of blockchain technology.

Conclusion (10 minutes): 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 continue exploring the topic and to ask questions if they're curious about anything related to digital finance.

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Homework: Encourage students to research a real-world application of blockchain technology (e.g., supply chain management, voting systems) and draw a simple illustration depicting how blockchain could be used in that context.

Optional Extension Activity: Blockchain Board Game Create a simple board game where students navigate through different stages of a blockchain network, encountering challenges and opportunities along the way. This interactive activity reinforces their understanding of blockchain concepts in a playful and engaging manner.

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