



## STUDY MATERIAL OF CLASS 5

### 🔗 1. What is AI?

AI means **Artificial Intelligence** – it's like giving a computer a brain! ☐

It helps:

- Siri or Alexa answer questions
- YouTube show you your favorite videos
- Self-driving cars see the road!

#### ☐ **Kid Example:**

If you say, "I love chocolate ice cream!" — AI remembers and shows you more ice cream pics later 🍦

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### 🔗 2. What is Blockchain?


Imagine a **magic notebook** ☐ that everyone can see but **no one can erase**.

That's a blockchain!

It helps:

- Keep vote results safe
  - Make sure medicine isn't fake
  - Give you certificates (like stars or badges!)
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### 3. Voting with Blockchain

In old times, we used paper to vote 


Now we can vote **online safely** using blockchain — no cheating!

✦ Example: You vote for your class monitor using your tablet, and everyone sees the result is fair and final.


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### 4. What is DeFi?

DeFi stands for **Decentralized Finance**.

Think of it as **digital piggy banks**  on your phone — with **no bank needed!**


You can:

- Save tokens 
- Trade coins like game cards
- Earn rewards for helping others swap!

💡 Magic Rule: It's all run by **smart computers**, not bankers!




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### 5. What is an NFT?

NFT means "**Not a Fake Thing**" 

It's like having a **magic sticker** no one else can copy!

You can own:

- A drawing 
- A song 
- A certificate 

Even if it's online — it's **yours** and only **yours!**

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### 6. What is a Crypto Wallet?

Your **crypto wallet** is like a **secret treasure chest** on your device 

You keep your coins and NFTs safe inside.

Types:

- **Hot Wallets** (like a phone app)
- **Cold Wallets** (like a USB key)

💡 Never share your **secret key** — it's like a password to your treasure!

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## 🌐 7. What is Web 3.0?

Web 3.0 is a new and improved version of the internet:

| Version        | Like a...     | What You Can Do                      |
|----------------|---------------|--------------------------------------|
| <b>Web 1.0</b> | 📖 Book        | Only read stuff                      |
| <b>Web 2.0</b> | 💬 Chat room   | Post, share, like                    |
| <b>Web 3.0</b> | 🧠 Smart brain | Own things, vote, play, earn safely! |

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## 🔗 8. What is DAO?

DAO is like a **robot-run club**

Everyone in the club votes on what to do using tokens. No adults needed to run it!

Example: You and friends decide the next school trip using your club app. The app counts votes and chooses the best idea!

## 🔗 9. What is Dignified Branding?

It means **being honest and kind online** ✨

If someone makes a game or art, they promise:

- No tricks
  - No fake rewards
  - Real value for real people
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## 🔗 10. Let's Be Super Scientists!

Explore projects like:

- **Trinity Project** – for learning with NFTs and rewards 🎓
  - **Liquidity Pools** – helping others and earning coins ●
  - **Crypto Tokens** – digital stars that you can earn and trade ★
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### ★ Summary for Super Smart Kids:

Web 3.0 is like an *Internet Super City* where you own your toys, your votes count, you can earn coins safely, and robots help you learn better.

## Web 3.0 and DeFi – Smart Internet Fun Worksheet

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### ✓ Part A: Yes or No

Circle or write **YES** or **NO**.

1. Web 3.0 lets you *own* your art or photos online.  
→ **Yes / No**
  2. A Crypto Wallet is used to keep your school books.  
→ **Yes / No**
  3. NFTs can be music, pictures, or certificates.  
→ **Yes / No**
  4. DeFi means using a bank with a cashier to keep money.  
→ **Yes / No**
  5. A DAO is a robot-run club where people vote.  
→ **Yes / No**
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### ➡ Part B: Fill in the Blanks

Use these words: NFT, Wallet, Blockchain, Voting, AI

1. A \_\_\_\_\_ is a magic notebook where no one can erase anything.
  2. A \_\_\_\_\_ helps you keep your digital money safe.
  3. \_\_\_\_\_ means letting a robot or computer learn and help us.
  4. With \_\_\_\_\_, we can choose our leaders online, safely.
  5. An \_\_\_\_\_ is a special online sticker that only you own.
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### ∞ Part C: Match the Following

Draw lines or write the correct letter to match.

| Column A          | Column B                                    |
|-------------------|---|
| 1. DeFi           | A. Magic notebook for saving votes or coins |
| 2. Blockchain     | B. Art or music only one person owns        |
| 3. NFT            | C. Run by smart rules instead of people     |
| 4. Smart Contract | D. Saving and trading money without a bank  |
| 5. DAO            | E. Robot rules that do things by themselves |

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✓ Answer Key – Web 3.0 and DeFi Worksheet

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✓ **Part A: Yes or No**

1. Web 3.0 lets you *own* your art or photos online.  
→ ✓ **Yes**
  2. A Crypto Wallet is used to keep your school books.  
→ ✗ **No**
  3. NFTs can be music, pictures, or certificates.  
→ ✓ **Yes**
  4. DeFi means using a bank with a cashier to keep money.  
→ ✗ **No**
  5. A DAO is a robot-run club where people vote.  
→ ✓ **Yes**
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➡ **Part B: Fill in the Blanks**

1. A **Blockchain** is a magic notebook where no one can erase anything.
  2. A **Wallet** helps you keep your digital money safe.
  3. **AI** means letting a robot or computer learn and help us.
  4. With **Voting**, we can choose our leaders online, safely.
  5. An **NFT** is a special online sticker that only you own.
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🔗 **Part C: Match the Following**

| Column A          | Column B                                    | Answer |
|-------------------|---|--------|
| 1. DeFi           | D. Saving and trading money without a bank  | ✓      |
| 2. Blockchain     | A. Magic notebook for saving votes or coins | ✓      |
| 3. NFT            | B. Art or music only one person owns        | ✓      |
| 4. Smart Contract | E. Robot rules that do things by themselves | ✓      |
| 5. DAO            | C. Run by smart rules instead of people     | ✓      |