

# MINECRAFT

EDUCATION EDITION



Financial Literacy with Minecraft



Raiffeisen Bank  
International



# Overview

## **Welcome to “My Finance Quests”!**

This game aims to make financial education more accessible to children between the ages of 10 and 15.

The following topics are dealt with in 4 different mini-games: history of banks, interest, loans, budgeting, savings, online security and the value of money.

## **Who is the game for?**

On the one hand, the game is designed for use in teaching in schools and, on the other hand, for the independent use at home. Particular attention was paid to the fact that each of the 4 mini-games can be completed in less than 50 minutes.

## **Why Minecraft?**

The game is based on the world famous video game “Minecraft” and the “Education Edition” of the game. The game manufacturer has published its own software for educational purposes, which is free to download and accessible to educational institutions. It is important to stress that it is not necessary to have already had contact with the game as a teacher. With the help of this manual and the tutorial videos listed below, the game can be used without any problems. Of course, it is advantageous if the students know the game and are interested in it.

## **Official tutorial videos:**

[Basic Controls in Minecraft Education](#)

[Minecraft: Education Edition Interact Tutorial](#)

## **Links for further information:**

[Minecraft Education Edition download](#)

[RBI-ESG content](#)



# Overview

## **The structure of the game**

As previously mentioned, our game is divided into 4 different "mini-games", each of which teaches a different lesson in financial literacy. Each mini-game has its own level with its own story, unique game mechanics, NPC interactions (non-player characters) and exciting quests. The 4 themes included in our game form the financial education foundation for every young person and cover all the important financial aspects they need in their daily lives:

**Game 1:** Learning about interest rates and how banks work

**Game 2:** Learning about budgeting and saving

**Game 3:** Learning about online safety (phishing, online scams, setting secure passwords)

**Game 4:** Learning about the value of money and how to manage money

In summary, each game has its own story and game mechanics and offers the player a different exciting adventure.

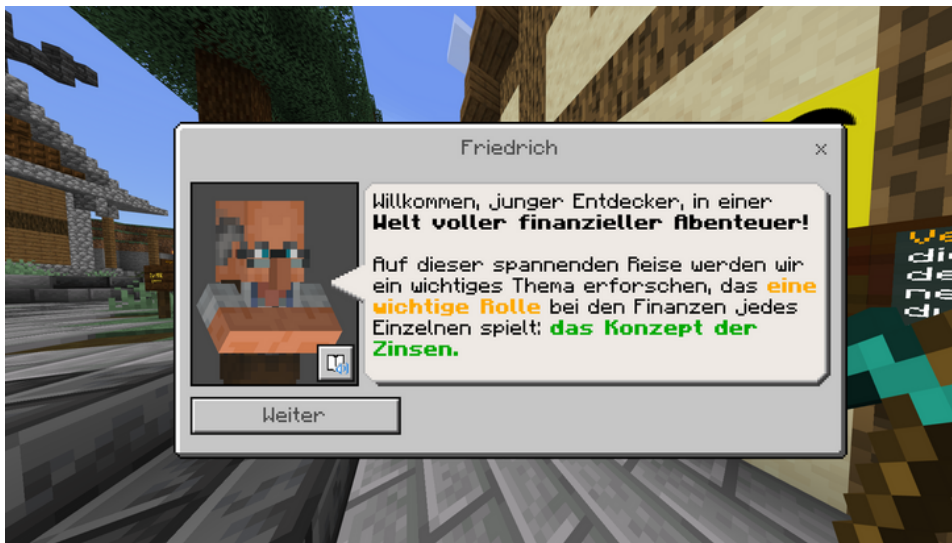
## **The course of the game**

After completing each game, the player receives a badge that unlocks the next game. The game progression is therefore as follows: the player starts with Game 1 and learns about the concept of interest. Finally, after successfully completing Game 2, the player can enter Game 3 and learn more about cybersecurity and the dangers of the internet. Game 4 is not part of this rulebook, meaning the player can play it without completing the other 3 games.





# 4 Financial Literacy Games focusing on different topics



## The concept of banks and interest

- Examples of „positive“ and „negative“ interest
- Saving money and earning interest
- Keeping money safe
- The power of interest
- Why do we need banks?

## The concept of savings and loans

- What is a budget / spending plan and how can you use it?
- The 50/30/20 budgeting rule
- How to save money using a savings account
- The concept of taking out loans
- The benefit of taking out a loan
- The risk of taking out a loan

## Online Security: Digital Frauds

- Phishing & Scamming Attempts
- Real-life simulations & examples
- How to set strong passwords
- Importance of Two-Factor Authentication
- How to detect phishing

## Value of Money Co-developed with LebensGroß Graz

- Simulation of real-life purchase decisions
- How to manage your budget
- The value of money



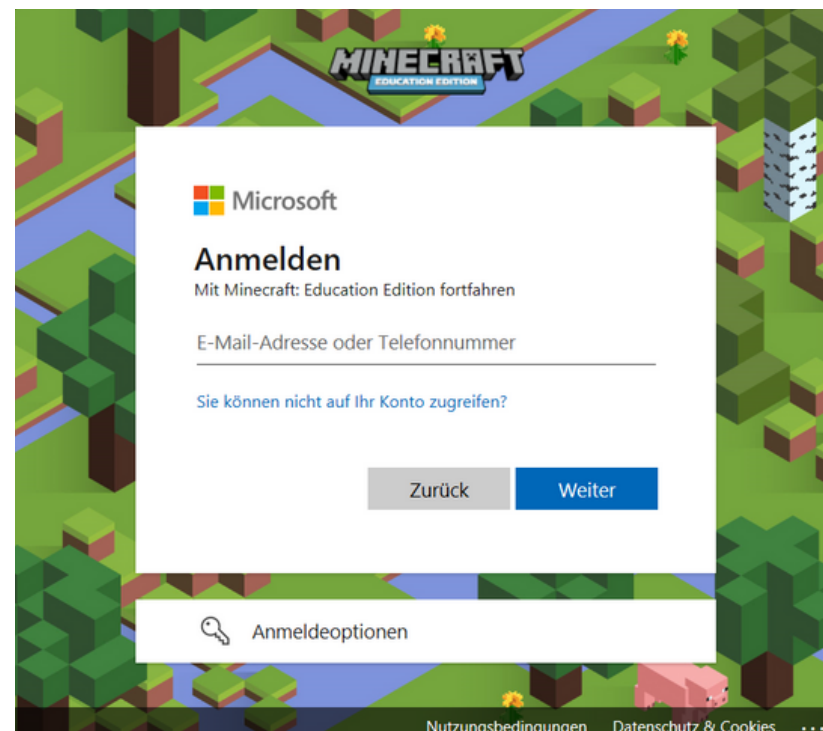


## Download Minecraft: Education Edition

- Minecraft: Education Edition needs to be downloaded and installed on the device you are using
- Supported platforms for Minecraft: Education Edition are Windows 7, 8.1, 10, and 11, Macs, iPads, Chromebooks and Mobile
- [Download here!](#)



## Sign In Minecraft: Education Edition



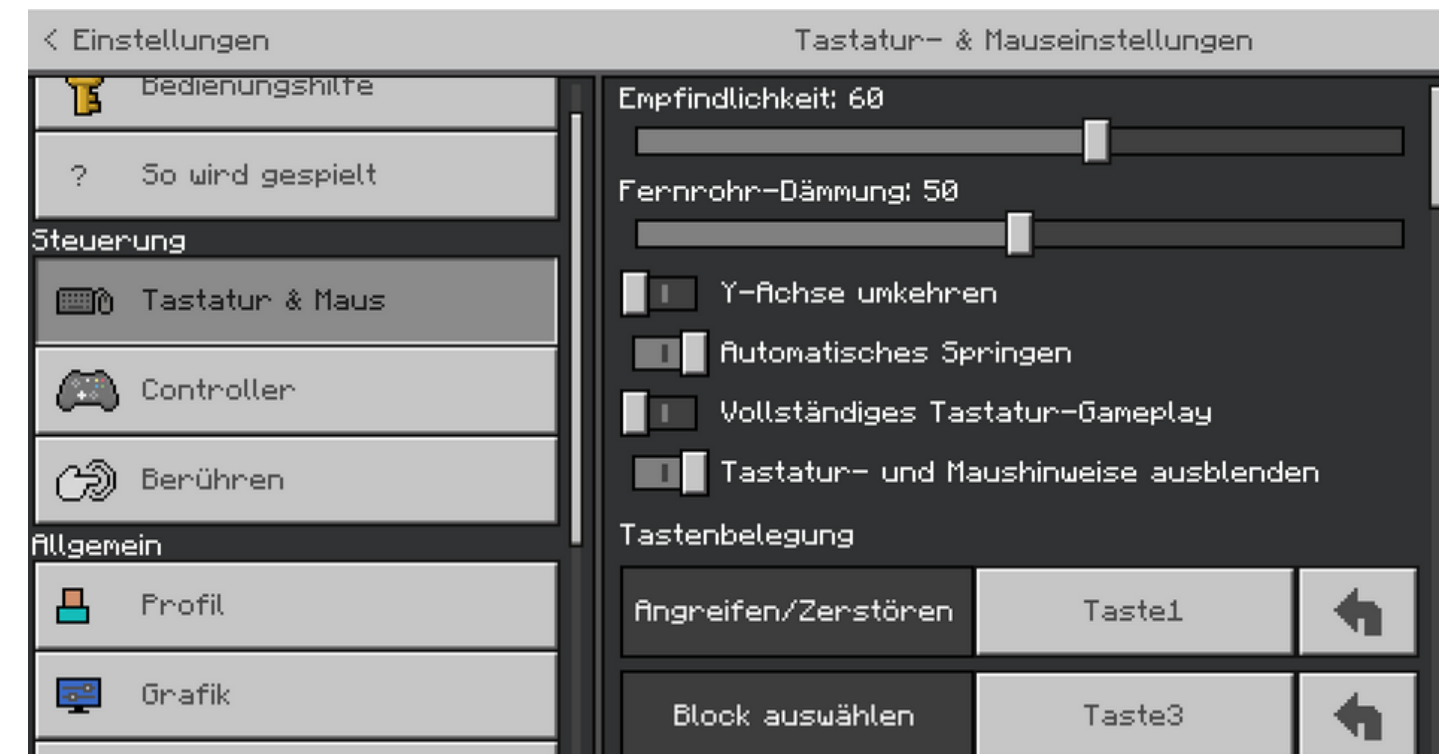
- It's necessary to have either a **Office 365** or a **Minecraft License** to sign in
- If your school offers Microsoft Office 365 accounts, the students will be able to use it to easily log in and play Minecraft Education Edition
- They just need to sign in with their Microsoft E-Mail and Password

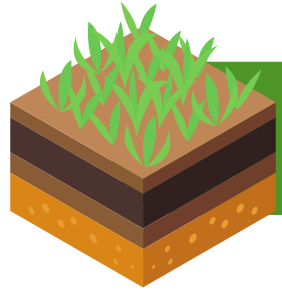
# Settings



Once you sign in, you'll see a main menu with multiple options. Click on the second option to access the settings.

In the settings, you have the option of adjusting the audio or music volume, for example. You can adjust the volume to suit your preferences or the requirements of the Minecraft environment.





## Keyboard Controls

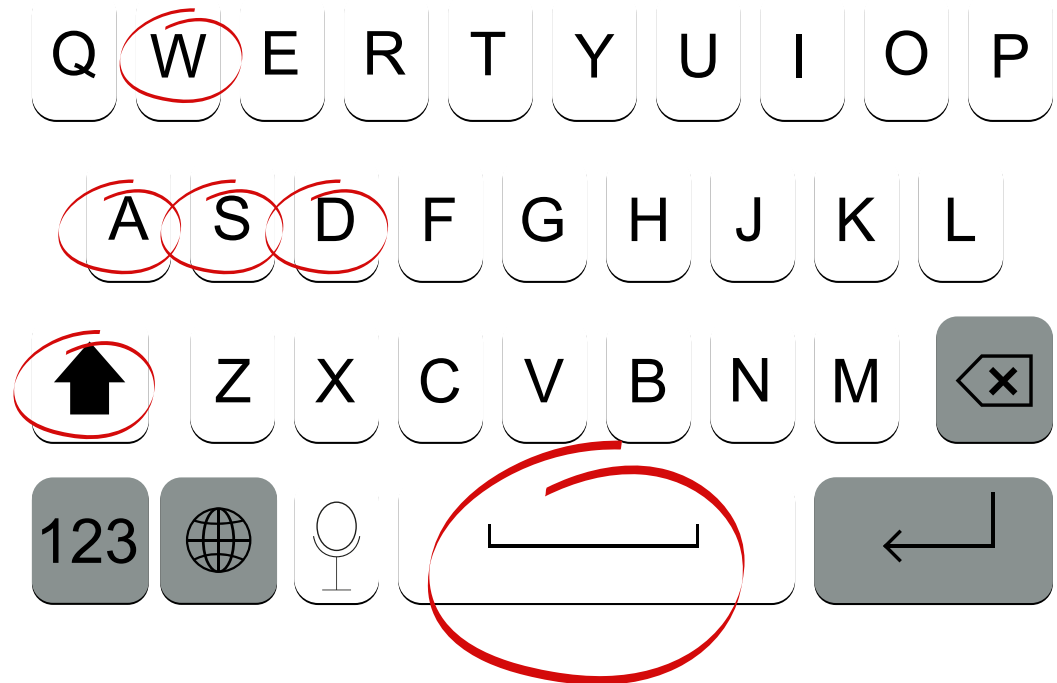
To physically move your player, use the keyboard's     keys.

 Press and hold to walk forward.

 Press and hold to walk backward.

 Press and hold to move left.

 Press and hold to move right.

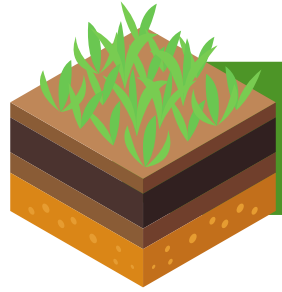


Jumping can be accomplished by pressing the , twice for flying.

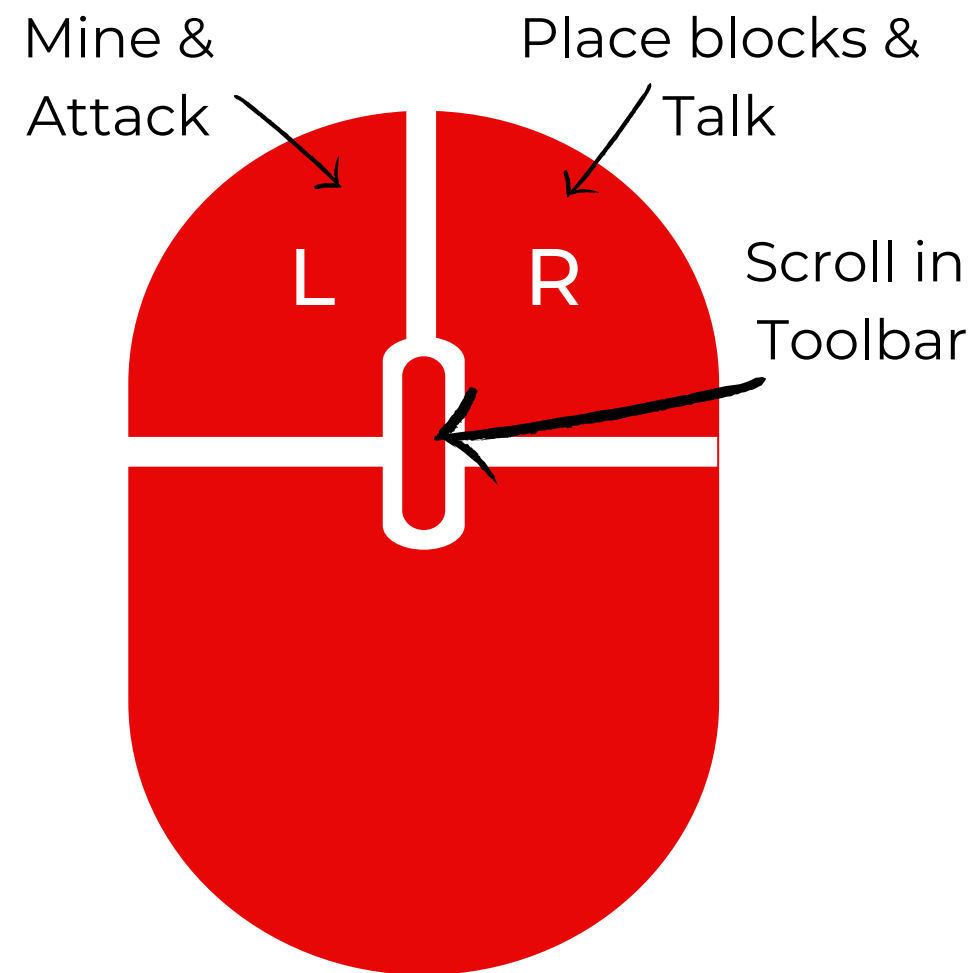
 Inventory (gathering items for building)

 Sneak



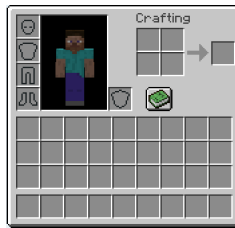


## Movement with the mouse:



Consider the mouse as your head and the keys as your body. If you need to look left, move your mouse to the left. Follow the same steps when looking right, looking down, and looking up.

The left mouse button is used to mine or break blocks. This is how we build. The right button is used to talk to characters (NPCs) as you come close to them with your crosshair pointer, or to place or use whatever is in your hand.



## Open your inventory



Press **E** on your keyboard to open up your Inventory - or you might think of it as your "Everything-tory".

Here you can manage the items you carry. You'll be able to select, drag, and swap items to be used in your backpack.

You can also equip armor, craft items on a 2x2 grid and equip tools, blocks & other items.



## Place and Brake Blocks



### **Place a block**

Select in your hotbar the block you want to place. Point the mouse cursor where you want to place the block and click the left mouse button.



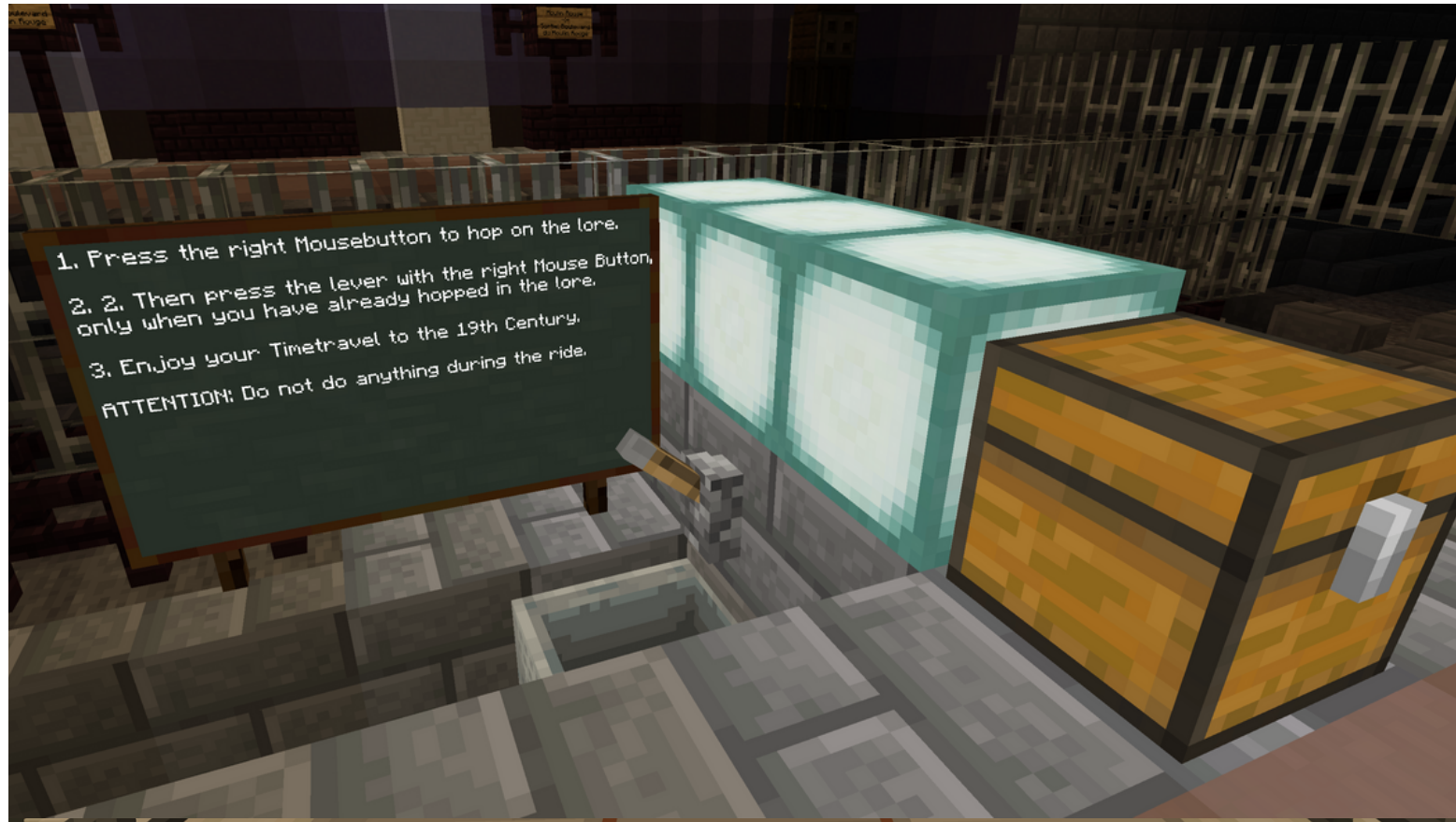
### **Break a block**

Breaking, digging, punching, or mining is a common activity in Minecraft, performed (by default) by holding the left mouse button (or right trigger while the cursor is pointing at a block, or by long-pressing on the block on touch screens)



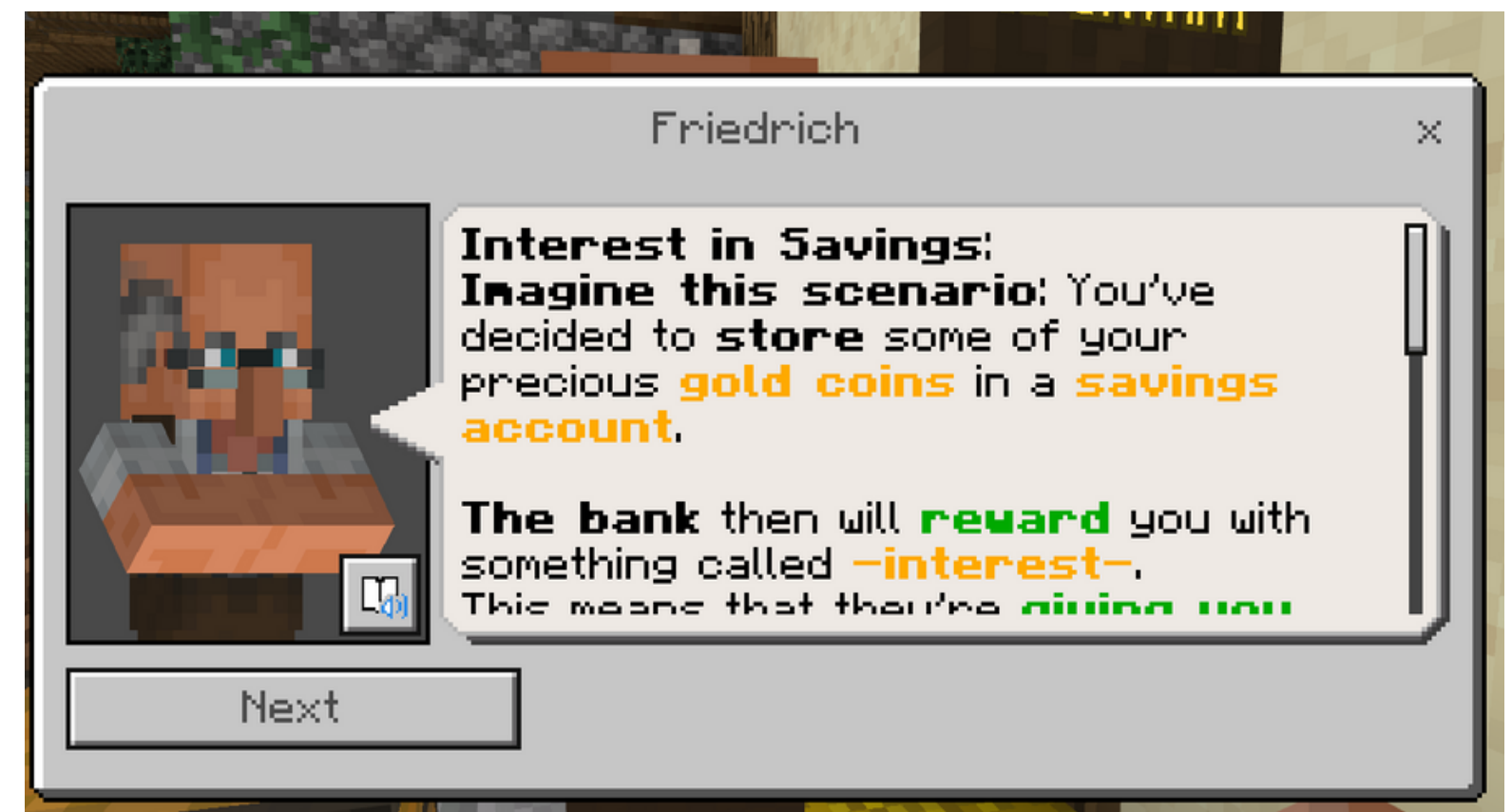


## Overall Information



- Each game has multiple "Friedrich" NPCs
- He is the official learning NPC, who teaches the players about financial topics (each game focuses on a different topic)
- He gives the player a reward after reading the content he provides

- Each game starts with a time-travel feature. The player has to take a mine cart and ride to the beginning of each game.





## Overall Information



- At the End of each game the player will gain a Badge, which he needs to use to open the portal to the next game.

- The badge has to be put in the chest and the block will be removed.
- The player then gains access to the next Game.







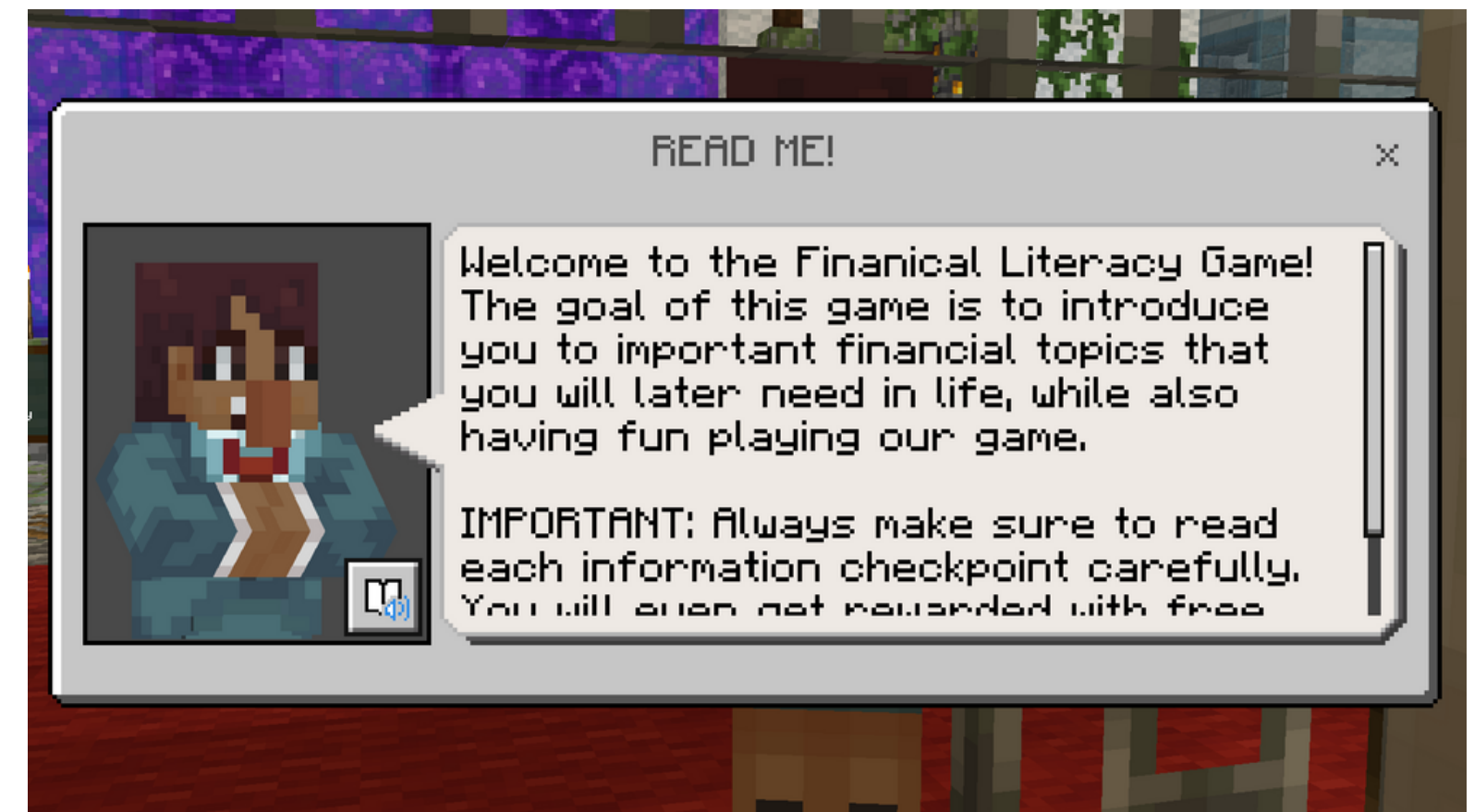
## Spawn Point Financial Literacy



- Players start in a Spawn Area, where an NPC welcomes them and introduces them to the main topic & goal of the game

The **Spawn Area** contains:

- The start of the learning path
- General Information & Overall Goals of each game
- Portals to the 3 Financial Literacy Games







Enjoy learning about financial topics!

