



Beginner's Guide to NASEF Farmcraft, By: Akil O'Connor

2022-2023 Scholastic Fellow Program

Beginner's Guide to NASEF Farmcraft

Designed to:

- ☒ aid with the installation of Farmcraft
- ☒ start a season of Farmcraft
- ☒ understand game mechanics
- ☒ understand game terminology
- ☒ complete one season of Farmcraft





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The **NASEF Scholastic Fellow Program** provides a professional learning community, mentorship, tools, resources, and instructional coaching for educators interested in connecting esports and learning in schools and out-of-school time / community-based organizations across the globe. NASEF hears from many educators interested in developing a curriculum, but they are uncertain where to start. This program is designed to support educators in the development and implementation of lesson plans by equipping them with a community and instructional coach.

Scholastic Fellows created their own unique curriculum module that reflects the lesson plans and activities they facilitated with their students during the 2022-2023 academic year. If you have any questions, comments, or would like additional support in adapting this curriculum to your classroom - you can reach out directly using the contact info below. For any other questions, please e-mail info@nasef.org.



Akil O'Connor

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Biography

Akil O'Connor is a Director at Scholastic Esports Research Center and a Primary School teacher. He has a bachelor's degree in both Business Management and Education. His Esports career in Trinidad and Tobago began in 2003. In 2007, he was a part of the Java Internet Café Gaming Team, which was one of the first sponsored Esports teams in Trinidad and Tobago and went on to become the Call of Duty: United Offensive National champions of the same year.

From 2009 to 2013, Akil was part of the Non-Profit Organization 'Trinigamers' where he eventually became the Junior Director. In 2015 to 2016, he took on the role of Esports Team Manager for Delirium Entertainment Center. From 2016 to 2019, Akil would be a founding member of Paradigm Electronic Gaming which offered Esports consultancy services along with Event Planning and Organizational Development while working alongside various Esports organizers and events in Trinidad and Tobago.

In 2021, Akil was selected to represent his country by the U.S. State Embassy Port of Spain at the International Visitor Leadership Program (IVLP) on Video Games for Steam and Entrepreneurship, where he was given the title of 'Esports Expert' for his Esports knowledge. Through the IVLP experience, Akil would be introduced to Scholastic Esports, where he is currently introducing various Scholastic Esports programs to Primary schools in Trinidad and Tobago.

Contact Info

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Course Outline

Title:	Beginner's Guide to NASEF Farmcraft
Course Code:	
Implementation Length:	1 – 2 weeks
Subject Area:	N/A
Grade Level(s):	<i>Applicable to all grades</i>
Prerequisite(s):	N/A

Guide Overview:	This is a guide to access the NASEF Farmcraft map which ranges from the installation of the map to completing the in-game tutorial and completing the first season.
Guide Content:	<u>Unit 1: Downloading and Installing the NASEF Farmcraft Map</u> - Step 1: Accessing the NASEF Webpage - Step 2: Locating the file on your device - Step 3: Installing the World File - Step 4: Installing the Template File <u>Unit 2: Understanding the Biomes</u> - Step 1: Starting a season of Farmcraft - Step 2: Meeting the Host - Step 3: Exploring each Biome - Step 4: Selecting a Biome <u>Unit 3: Exploring the Community</u>

- Step 1: Meeting the Host
- Step 2: Speaking to the Community
- Step 3: Return to the Host
- Step 4: Go to the Lab
- Step 5: Speak to the Crop Scientists
- Step 6: Speak to the Data Scientist

- **Unit 4: Collecting the Farming Seeds**

- Step 1: Do the Seeds Tutorial
- Step 2: Engineer the seeds at the Supercomputer
- Step 3: Return to the Host

- **Unit 4: Collecting the Seeds**

- Step 1: Meet the Host
- Step 2: Speaking to the Community
- Step 3: Speak to the Data Scientist
- Step 4: Choose the Biome to farm

- **Unit 5: On the Farm**

- Step 1: Choose how to till the soil
- Step 2: Test Soil
- Step 3: Fertilize the Soil
- Step 4: Begin the Season

- **Unit 6: Transporting the Goods and Evaluating the Score**

- Step 1: Choose which shipping method to use
- Step 2: Boxing the containers
- Step 3: Transportation results
- Step 4: Collect your score

Guide Materials:

- Laptop or Smart Phone
- Minecraft Education
- Internet Connection



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Notes, Limitations and Restrictions

- ☒ This guide assumes that you have a working version of Minecraft Education
- ☒ This guide assumes that you have a basic knowledge of how Minecraft Education works
- ☒ This guide was developed using the NASEF Farmcraft 2023 v1.5 map.
- ☒ For PC users, this guide uses Windows 10 and Windows 11 only.



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Unit 1: Downloading and Installing the NASEF Farmcraft Map

VIDEO GUIDE: <https://youtu.be/AdcMe7Xcrxk>

Steps	Detailed steps	
Step 1: Accessing the NASEF Farmcraft Webpage	☒ Navigate to the NASEF Farmcraft website ☒ Click the Download button ☒ Download the 2 files. The 2 files are: - o 1. World File - o 2. Template File	

Step 2: Locating the file on your device

☒ **Navigate to the folder on your device where the files were downloaded.**

☒ **By default, the Farmcraft files will be downloaded to the Downloads folder on your device.**

☒ **Open Minecraft Education**

☒ **Click Play**

☒ **Click Import**

☒ **A window will appear. Navigate to the downloaded files and select the World file**

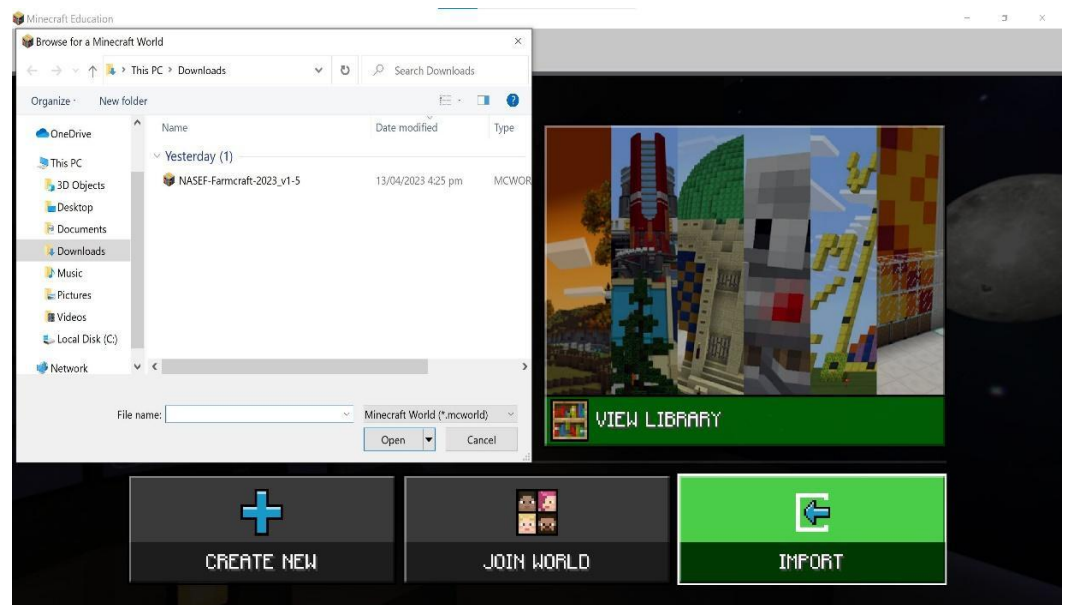
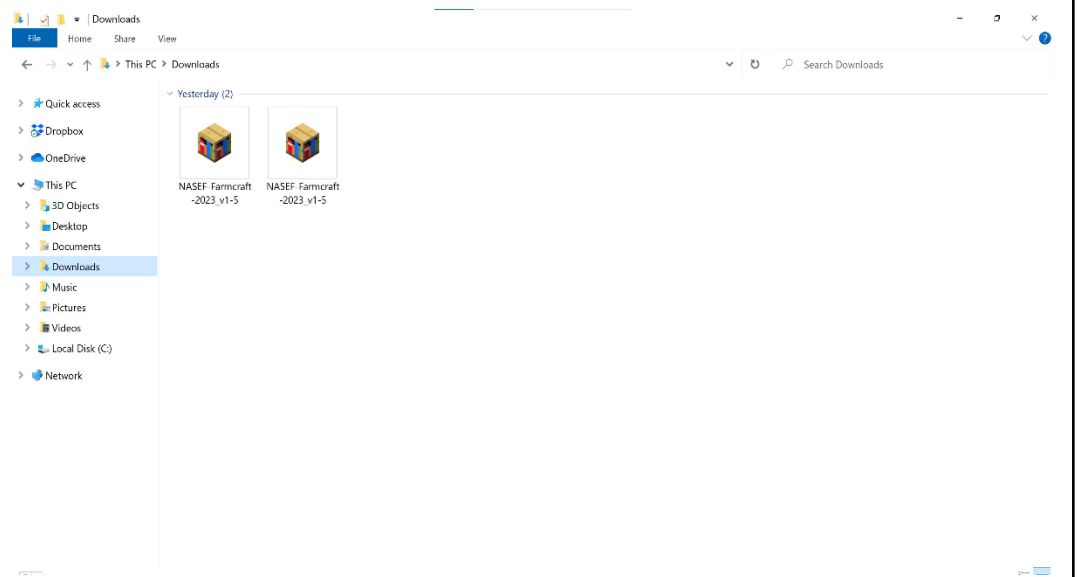
☒ **Click 'View My Worlds'**

☒ **Click Farmcraft 2023**

☒ **Click Play (for Single Player) Click Host (for Multiplayer)**

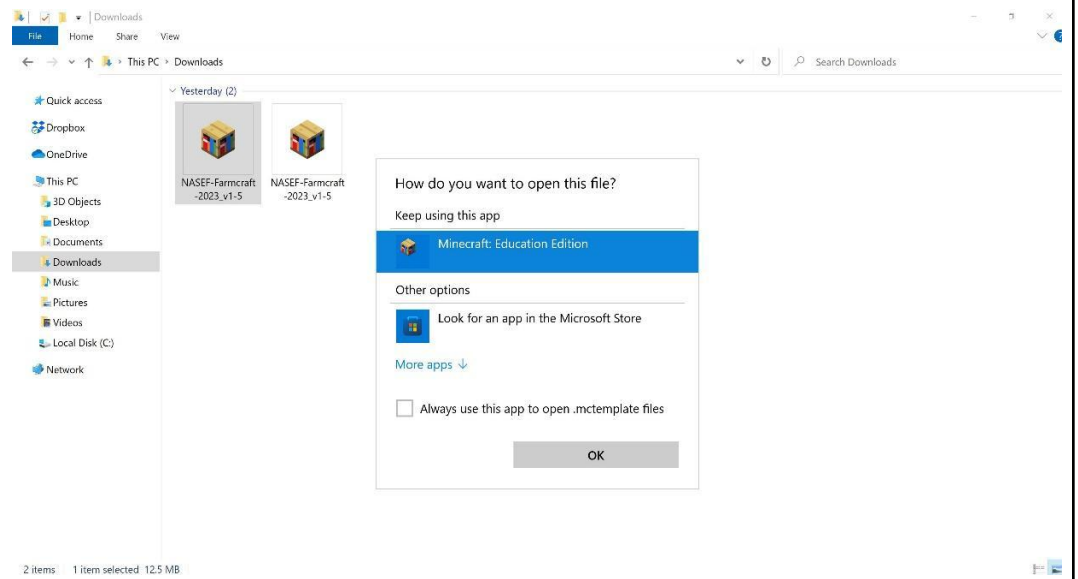
☒ **Navigate to the folder on your device where the files were downloaded.**

☒ **Right click on the Template file and select Open With**



Step 4: Installing the
Template file

- ☒ **Open the file with Minecraft Education**
- ☒ **The file will be imported into Minecraft Education automatically**
- ☒ **You are ready to start Farmcraft!**



**You are ready to start
Farmcraft!**



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Unit 2: Understanding the Biomes

VIDEO GUIDE: <https://youtu.be/gMysoAX2RsM>

Steps	Detailed steps	
Step 1: Start Minecraft Education	☒ Click Play ☒ Click 'View My Worlds' ☒ Click NASEF Farmcraft 2023 ☒ Click Play (for Single Player) Click Host (for Multiplayer)	
Step 2: Meeting the Host	☒ Speak to the Host ☒ Right Click to speak to him ☒ The host welcomes the player and provides a brief introduction	

Control Tips

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Step 3: Exploring each Biome	☒ Speak to each person ☒ Each person represents a different biome ☒ The types of biomes are: - o Island - o Snow - o Temperate - o Mountain - o Desert ☒ A biome refers to the farming terrain. ☒ For this section, you are choosing which biome you would like to transport to ☒ The choice of biome to feed does impact your overall score. ☒ For this guide, we will be selecting the Mountain Biome as it will be less challenging for beginners. ☒ Click Feed Biome to be transported to the Mountain Biome.	
Step 4: Selecting a Biome	☒ The Mountain Biome has difficulty receiving crops. ☒ The Mountain Biome also requests that the most ideal way to have the crop delivered be utilized. ☒ These 2 details are important as your decisions in your playthrough along with these details impact your overall score.	



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Unit 3: Exploring the Community

VIDEO GUIDE: <https://youtu.be/Q1EXca9hoCc>

Steps	Detailed steps	
Step 1: Meeting the Host	☒ Speak to the Host ☒ Right Click to speak to him. ☒ The host provides a brief introduction to the farming community	
Step 2: Speaking to the Community	☒ There are 4 people in this area ☒ Speak to each of them ☒ Read carefully what each of their role is in the community. ☒ Each person impacts your overall score at the end. Depending on if you meet their requirement, it can boost or lower your score. ☒ Return to the starting portal	

Step 3: Return to the Host	☒ Speak to the Host ☒ After reading what the host explains, click 'Go to Lab' ☒ Take a few seconds and look around the laboratory	
Step 4: Go to the Lab	☒ Speak to the Data Scientist ☒ Read carefully what he is saying! ☒ The Data Scientist is giving tips on factors that could possibly affect your score when creating your seeds from the Supercomputer.	

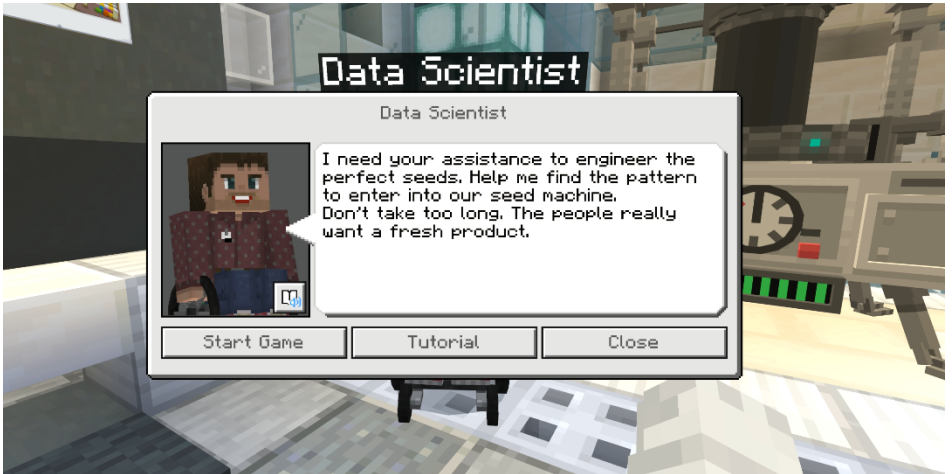
Step 5: Speak to the Crop Scientists	☒ Speak to each Scientist and understand the various factor can affect the crop. ☒ The Crop Scientists are giving tips on factors that could possibly affect your score when creating your seeds from the Supercomputer. ☒ When creating the seeds at the Supercomputer, the order matters.	 A screenshot from a Minecraft game showing four characters in white lab coats standing in a laboratory. Above them are several wooden planters with green bamboo-like plants growing out of them. Each character has a speech bubble above their head, indicating they can be interacted with.
Step 6: Speak to the Data Scientist		 A screenshot from a Minecraft game showing a character in a red shirt and blue pants sitting in a chair. In front of them is a large, complex machine with a screen displaying a clock-like interface. A speech bubble is above the character's head. At the bottom of the screen, a yellow text box says "Speak to the Data Scientist".



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Unit 4: Collecting the Farming Seeds

VIDEO GUIDE: <https://youtu.be/gJwc94pMWEs>

Steps	Detailed steps	
		

Step 1: Do the Seeds Tutorial	☒ Speak to the Data Scientist ☒ Click Tutorial. ☒ The Tutorial will explain how the Seeds minigame works.	
Step 2: Engineer the seeds at the Supercomputer	☒ Go to the computer and right click on one of the four screens. ☒ On each panel you have a choice of: ○ Quality ○ Type ● Taste ○ Color ☒ Each category has different choices. e.g. Quality ○ Texture ○ Antioxidants ○ Fiber ○ Vitamins ○ Seedless ○ Size	

- ☒ There are different strategies that can be used to find the correct combination from each category.
- ☒ Experiment to see what method is the best!
- ☒ Keep in mind
 - o Red = incorrect choice and spot
 - o Yellow = correct choice, incorrect spot
 - o Green = correct choice and correct spot



Step 3: Speak to the Data Scientist

- ☒ **Right Click to speak to him.**
- ☒ The Data Scientist will explain how the seeds will be sent to its destination.



Step 4: Choose the Biome to farm

- ☒ **Choose which Biome you want to farm on.**
- ☒ **Right click on each person to get more information on factors that affect the Biome.**
- ☒ When choosing the Biome, keep in mind that the type of Transportation has be accounted for to the one you are transporting to.
- ☒ **For this guide, we will be selecting the **Island Biome****
- ☒ **Click Select Biome to be transported to the **Island Biome**.**



VIDEO GUIDE: <https://youtu.be/SueX0wfWZD4>

Steps	Detailed steps	
Step 1: Choose how to till the soil	☒ Speak to the Farmer and choose which method to till the soil. ☒ Each choice has positives and negatives ☒ Experiment with each to see which will be the most beneficial.	
Step 2: Test Soil	☒ After the soil is tilled, test the soil to see the soil level ☒ Click Test Soil	

Step 3: Fertilize the Soil	☒ After seeing your soil level, choose whether to add fertilizer to the soil or not. ☒ Adding too much fertilizer can negatively affect your crops. ☒ Choices made on the farm have a similar effect to real life farming practices.	
Step 4: Begin the Season	☒ You are ready to start farming! ☒ Good luck! ☒ Do not let the weeds and caterpillars destroy your crops! ☒ Experiment with all of the options available to you! ☒ Keep an eye on your soil level and water level	

VIDEO GUIDE: <https://youtu.be/sKMMRTBT9p8>

Steps	Detailed steps		
Step 1: Choose which shipping method to use	☒ Speak to the host, who will give more details on the shipping methods ☒ There are 4 transportation methods: - o Boat - o Airplane - o Train - o Truck ☒ Speak to each transportation vendor to find out the price and factors involved with that form of transport. ☒ Depending on the form of transport form, will impact your overall score.		
			
			

Step 2: Boxing the containers

- ☒ **After selecting a form of transportation, begin loading the containers.**
- ☒ **Press the green button to begin bringing down containers**
- ☒ **Pack the container with as many boxes as possible, to reduce the overall amount of containers and to reduce transportation costs**
- ☒ This section is similar to Tetris!
- ☒ When the containers are stacked too high, the container will be filled.



Step 3: Transportation results	☒ Speak to the host to see the results. ☒ The transportation vendor will give you the results. ☒ There are various elements which can happen to your transport. We will let these elements be a surprise for your own playthrough!	
Step 4: Collect your score.	☒ You have completed a season of Farmcraft! ☒ The <u>UNIT PRICE</u> is your final score. ☒ Speak to the members of the community to get feedback on where you gained points and where points were lost. ☒ Experiment with different biomes! ☒ Experiment with new farming strategies! ☒ Play with your friends!	