

## **AI Skills Minecraft Map**

*There will be three floors in the map, and there will be 5 questions per floor for the first two floors. The third floor will be one room. Learners will move through the rooms speaking to NPCs learning about AI and AI tools. As they answer the question in the room, they will be presented with a clue that they can use to find the lever and move to the next room and then to the next floor.*

**Please note:** This activity requires the use of Microsoft CoPilot. This can be accessed in your Edge browser in the top right hand corner. However, students will not be able to access Microsoft CoPilot if they are in their school accounts. They will need to use Microsoft Edge with their personal email address or without logging into Microsoft Edge. Alternatively, the teacher can complete the activity by displaying Microsoft CoPilot on a board or screen and entering the riddles into Microsoft CoPilot so that the learners can see how Microsoft CoPilot generates answers to questions and they complete the activity with the answers provided.

### **Starter room**

The players will start in the starter room, where they can have a crash course in the movement and selection in Minecraft. Once they are comfortable with how to play Minecraft they can move to the first floor.

### **Floor 1**

*As learners' complete activities, they will receive clues to guide them to levers which will open a door for the learner to move on. The learners will document and answer questions with a book and quill.*

- 1. NPC will explain how AI can help solve questions and can give answers to what is asked. Riddle given and the learner must put the riddle into Copilot to get the answer. Once the learner has answered the question accurately, they get a piece of a puzzle. The riddle will be copied and pasted into Copilot and the learner will select the correct animal. There will be 5 buttons that the learner can choose, which will be the big five – elephant will be the correct answer.*

**NPC:** AI is a great way to help you get information that you need. Programs like Microsoft Copilot can read your request and respond to what you are asking or saying. You can give it problems and it can help you solve them. Use Copilot to help you solve this riddle. When you have the answer, click the button with the correct answer to get your clue.

### **Riddle:**

In Africa's wild, a giant strides,  
Graceful in its towering guise,  
Skin like bark, a tale of might,  
Ears that hear the distant night.

With a trunk that serves for tool and fight,  
Wise females guard their young with light.  
In parks like Kruger, they sustain,  
Nature's balance, their legacy remains.  
What am I?

**Answer:** Elephant

2. *NPC will explain how AI can be wrong. NPC will give information about an animal. There will be 2 signs with a paragraph about the animal, one being AI generated and one not. The learner will have to decide which AI generated.*

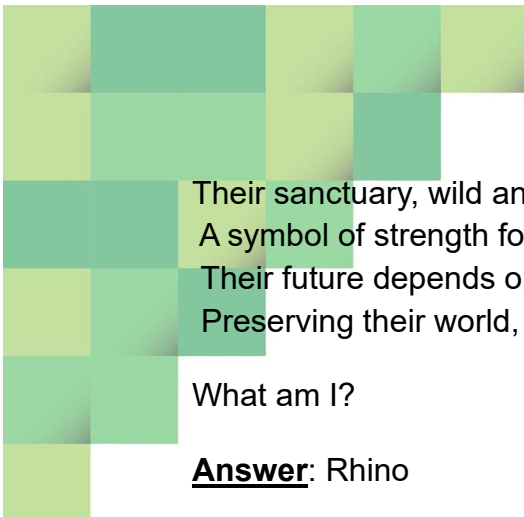
**NPC:** AI scans the internet for information that matches what you have asked it for, but AI cannot see what information true and what information isn't. You need to check the information that AI gives you to make sure that it is right. Copilot gives you websites that you can use to see where it got the information, but these sources aren't always right! See if you can tell if the information given is AI or not. Select the correct button to get your next clue.

**AI Generated:** Rhinos in Kruger National Park are truly extraordinary animals. Despite the severe threat of poaching, dedicated conservationists work tirelessly to protect them. These efforts include rescuing orphaned calves whose mothers were victims of poaching. Additionally, Kruger offers unique safari experiences, allowing visitors to observe rhinos in their natural environment. Interestingly, some rhinos have been reported to glow faintly under moonlight—though this phenomenon has yet to be widely studied. It's incredible how these gentle giants continue to thrive with the help of passionate wildlife experts.

**Non-AI Generated:** Rhinos are beautiful creatures that are sadly at risk of being extinct. There are two types of rhinos which are found in South Africa, which are the white and black rhinos. The Kruger National Park is striving to make a difference and protect these fantastic animals. They are running a conservation program called "Save the Rhinos." Projects like this have made a big impact in saving the rhinos that we have. Rhinos are part of the big five along with lion, leopard, elephant, and buffalo. Rhinos can be grumpy and impatient, but they are still amazing to look at.

**Riddle:**

There's a creature with skin so thick and strong  
Roaming grasslands where they belong  
Massive herbivores, they graze and roam  
The wild is their beautiful home  
Keen senses alert, they watch all around  
Predators lurking, but they stand their ground  
Threatened by poaching, their numbers decline  
But we're working hard to draw their lifeline



Their sanctuary, wild and free  
A symbol of strength for all to see  
Their future depends on what we do  
Preserving their world, keeping hope true

What am I?

**Answer:** Rhino

3. *The NPC will explain plagiarism. The learner will have 2 – 3 minutes to create something with X amounts of materials (e.g., 5 wooden blocks, 3 glass, etc.). An agent will create the same thing as the learner. The learner will document how they feel/what they think.*

**NPC:** AI tries its best to make sure that the information that it gathers is original work and that it has not plagiarized. Plagiarism is when someone takes someone else's work and says that it is theirs. How do you think you would feel if someone plagiarized (stole) your work? Use the blocks in the chest to build something of your own. You will have 2 minutes to do this.

*After AI and Learner Build*

**NPC:** Oh, my word! The agent plagiarized your work. How does that make you feel? Write down your thoughts in the book in front of you and put it in the chest when you are done.

**Riddle:**

Curved horns sharp, muscular and strong  
Grazing the grasslands where they belong  
Look at their build, powerful and grand  
Moving in groups across African land  
Might seem calm, but don't you dare provoke  
One wrong move, and they'll charge like a stroke  
Aggressive when threatened, dangerous and bold  
Predators know them, their story untold  
Maintaining the balance, ecological might

What am I?

**Answer:** Buffalo

4. *The NPC will give a piece of information. A signpost will hold a statement, and the learner will have to choose which word fits into the statement.*

**NPC:** AI searches the internet for any information and resources that it can use to generate information around what you are asking. However, you need to think about how you are going to ask AI to do something. You need to be clear about what you want the AI to do and how you want it done. Context around what you are asking will also make the answer better. Read the sentences on the boards and select the missing word.

AI **searches** the internet for any information and resources.

You need to be **clear** about what you want the AI to do and **how** you want it done.

**Context** around what you are asking will also make the answer better.

**Riddle:**

I hear the roars across the savannah tonight  
Where golden manes are shining so bright  
Kruger's wilderness calls with ecological might.

Something inside me says this pride is all right  
Dominant males with their powerful frame  
Protecting their territory, earning their fame  
Controlling the herds with strategic terrain  
Balanced ecosystems are their noble campaign.

**Answer:** Lion

5. **NPC:** AI can be found in many different areas of your life. In fact, you probably use it almost every day! AI is predictive text, YouTube Recommendations or even the editor on Word! These can be called predictive AI because they are predicting (guessing) what will come next in what you are saying. Decide if the following scenarios include AI or not:

A driver uses a map book to drive to a Restaurant.

An editor uses the editor in Word to edit a book.

Autocorrect changed "Happy Birthday" to "Happy Barfday"

**Riddle:**

Spotted coat blending with the trees  
Hiding where no one else can see.

In rocky outcrops, dense bush around  
Silent and sleek without a sound  
Nocturnal hunter with senses so bright  
Ambushing prey in the dark of night

Climbing high in the acacia tree  
Watching the landscape, wild and free  
Small mammals, ungulates - my diverse meal  
Keeping balance in nature's big deal

What am I?

**Answer:** Leopard

## **Floor 2**

The NPCs will provide information about the points. They will also collect pieces of a picture or a puzzle.

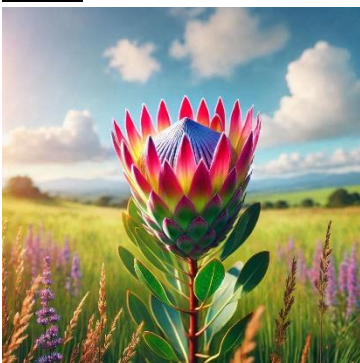
1. The NPC will discuss how AI pictures can improve a project. The learner will see a book in front of them with a passage inside. The learner will see 3 pictures in front of them. The learners must select the picture that suits the passage the best, by selecting the correct button, which will give them the clue.

**NPC:** Microsoft has developed many programs that aim to help teachers and learners. One of these programs is Microsoft design. In Microsoft design you can create a picture or poster that can make your projects more interesting and look cooler. In the book in front of you, you will find a passage. There are also three pictures for you to choose from. Choose the picture that suits the passage the best.

**Book:** Cape Town, a city rich in history, has witnessed numerous significant moments. In 1652, Jan van Riebeeck established a Dutch settlement, marking the beginning of European colonization in South Africa. The city played a pivotal role in the anti-apartheid movement, with Robben Island, just off its coast, serving as the prison for Nelson Mandela and other political prisoners. In 1990, Mandela's release from Victor Verster Prison near Cape Town symbolized the end of apartheid. The city also hosted the 2010 FIFA World Cup, showcasing its vibrant culture and stunning landscapes to the world. Cape Town's history is a tapestry of resilience and transformation.



**Clue:**



2. NPC explains AI as a summary generator. The learner and take 3 links that we will give them, and they will put the 3 links into Copilot and ask it to summarize the 3

links and include 3 points: habitat, food, and group (mammal, reptile, fish etc.). The learner will then select the correct combination.

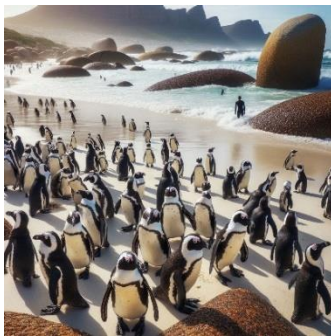
**NPC:** AI can take the information that you give it and summarize it to points for you, so that the work is easier and simpler to understand, and it will help you learn and go through information faster. This is why some AI is called generative AI because it generates (creates) information based on the information you give it. Give it a try: Copy the 3 given URLs and past them into copilot. Ask copilot to tell you what kind of animal (it is a mammal, fish, reptile, etc.), what it eats and where it is. Once you have the correct information, choose the button with the correct information to get your clue.

<https://kids.nationalgeographic.com/animals/mammals/facts/lion>

<https://kids.kiddle.co/Lion>

[lion - Kids | Britannica Kids | Homework Help](#)

**Clue:**



3. *The NPC will explain plagiarism and will give some additional information about the chosen topic. The learner will then see a set of stories and must determine if the information in the questions is plagiarism or not.*

**NPC:** Plagiarism was discussed earlier, and you saw how stealing people's work can be hurtful. Read the following and the information on the signs. See if you can spot the plagiarism.

**NPC Information:** Table Mountain, Cape Town's iconic landmark, rises majestically at 1,086 meters. It's renowned for its flat top, diverse flora, and stunning panoramic views. Accessible by hiking trails and a cableway, it offers a unique blend of natural beauty and adventure, making it a must-visit for nature enthusiasts.

Boulders Beach, located in Cape Town, is famous for its colony of African penguins. With its sheltered bays and large granite boulders, it offers a unique opportunity to see these charming birds up close while enjoying stunning coastal scenery.

Proteas, South Africa's national flower, are known for their distinctive, showy blooms and remarkable diversity. With over 1,500 species, they thrive in the country's unique fynbos biome, symbolizing resilience, and beauty.

**Sign information:** Table Mountain, Cape Town's iconic landmark, rises majestically at 1,086 meters. It's renowned for its flat top, diverse flora, and stunning panoramic views. Accessible by hiking trails and a cableway, it offers a unique blend of natural beauty and adventure, making it a must-visit for nature enthusiasts.

Boulders Beach, found in Cape Town, is famous for its colony of African penguins. With its covered bays and large granite boulders, it offers a unique opportunity to see these cute birds up close while enjoying stunning coastal scenery.

Cape Town, South Africa's "Mother City," dazzles with its iconic Table Mountain, stunning beaches, and rich cultural heritage. Known for its Mediterranean climate, vibrant arts scene, and diverse population, it's a must-visit destination offering a blend of natural beauty and urban charm.

**Clue:**



4. *NPC describes unfair/biased information. The NPC will give a piece of information that is biased. The learner will read pieces of information from books near the NPC. The learner will decide if it is or not.*

**NPC:** AI does not always give accurate information, and the information can be unfair or biased. You need to be careful that the information is accurate and fair, so you need to look at all perspectives and to make sure all the information is fair. Decide if the information on the board is fair or biased.

**Boards:** There have been concerns recently about the cleanliness of some beaches in Cape Town. A group called Project Blue tested the water at several beaches and found high levels of harmful bacteria in almost 40% of them. This could mean that the water is contaminated, potentially from sewage. However, the City of Cape Town disagrees with the findings. They say the tests might not be accurate because the labs used by Project Blue aren't officially approved. Is the information biased or fair? It seems there is only information from one source with one point of view.

Cape Town is a city in South Africa known for its beautiful mountains, beaches, and vineyards. It's a popular place for tourists because of its stunning scenery and interesting history.

However, Cape Town also has problems, like crime and poverty. People in the city come from many different backgrounds and speak different languages, making it a

vibrant and diverse place to live. This information has two different points of view, do you think it is fair or biased?

**Clue:**



5. *NPC will give the learner stories about AI in daily lives. They must identify where AI was used in that story.*

**NPC:** AI is more than just Copilot giving you information, but it can also give you pictures and translate for you. Microsoft has developed many other ways that teachers and learners can use AI to make learning easier. Microsoft made programs such as Reading Progress and Microsoft Designer.

**Stories:**

1) A learner is doing a school project in French. He finds information that is in French but uses copilot to translate it to English so that he can organize the information before using copilot to help him translate his project into French. What AI tool used in this story? **Microsoft Translate, Copilot: Translator.**

2) A learner is doing a history project about Cape Town. She knows that Microsoft Designer can make pictures that will make her project more exciting. She asks Designer to design a picture of Nelson Mandela on Robben Island. What AI tool used in this story? **Microsoft Designer or Reading Process.**

3) A student needs to practice for her prepared reading task. She keeps trying but she can't tell where she is going wrong. She uses Reading Coach to practice her reading. Reading Coach gave her feedback on how fast she was reading and helped her with the words she got stuck on. After a few tries using the AI program, Reading Coach marked her with 72%! What AI tool used in this story? **Reading Progress or Reading Coach**

**Clue:**



### **Floor 3**

*This floor will be a scavenger hunt. The learners will have to collect X amounts of trash and X amount of other sea stuff. The learners will have 15 minutes to collect everything. The NPC will explain how sea creatures mistake rubbish for food. Once the last piece of food or trash, the learner will be teleported to the end room. They will have to do data handling – a bar graph – of the information found. Once this is completed the learner can receive a Minecraft certificate.*

**NPC 1:** (Learners enter the room and this NPC gives the instruction) AI searches the internet for data. It must learn different patterns in the data it finds. Do you remember how pollution affects our oceans? Can you collect data about what you find at Durban beach? Use the camera to take pictures of what you find and save it in your book, because you are going to try organizing and find patterns in the data you find.

**NPC 2:** Well done on collecting the data! Did you see how some of the trash you found looks a bit like some of the animals you found? No wonder animals sometimes mistake trash for food!

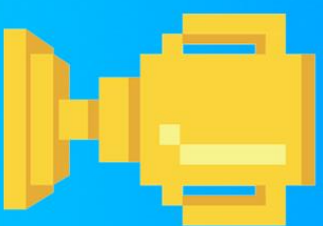
You collected data about trash and the marine wildlife that you found. AI collects data in a similar way and that is called machine learning. The computer teaches AI how to recognize patterns in a set of data, just like you did when taking those pictures. If you keep teaching AI these patterns, it will be able to recognize the data by itself.

Please ask your learners to complete the Skills Assessment quiz at the end of the map.

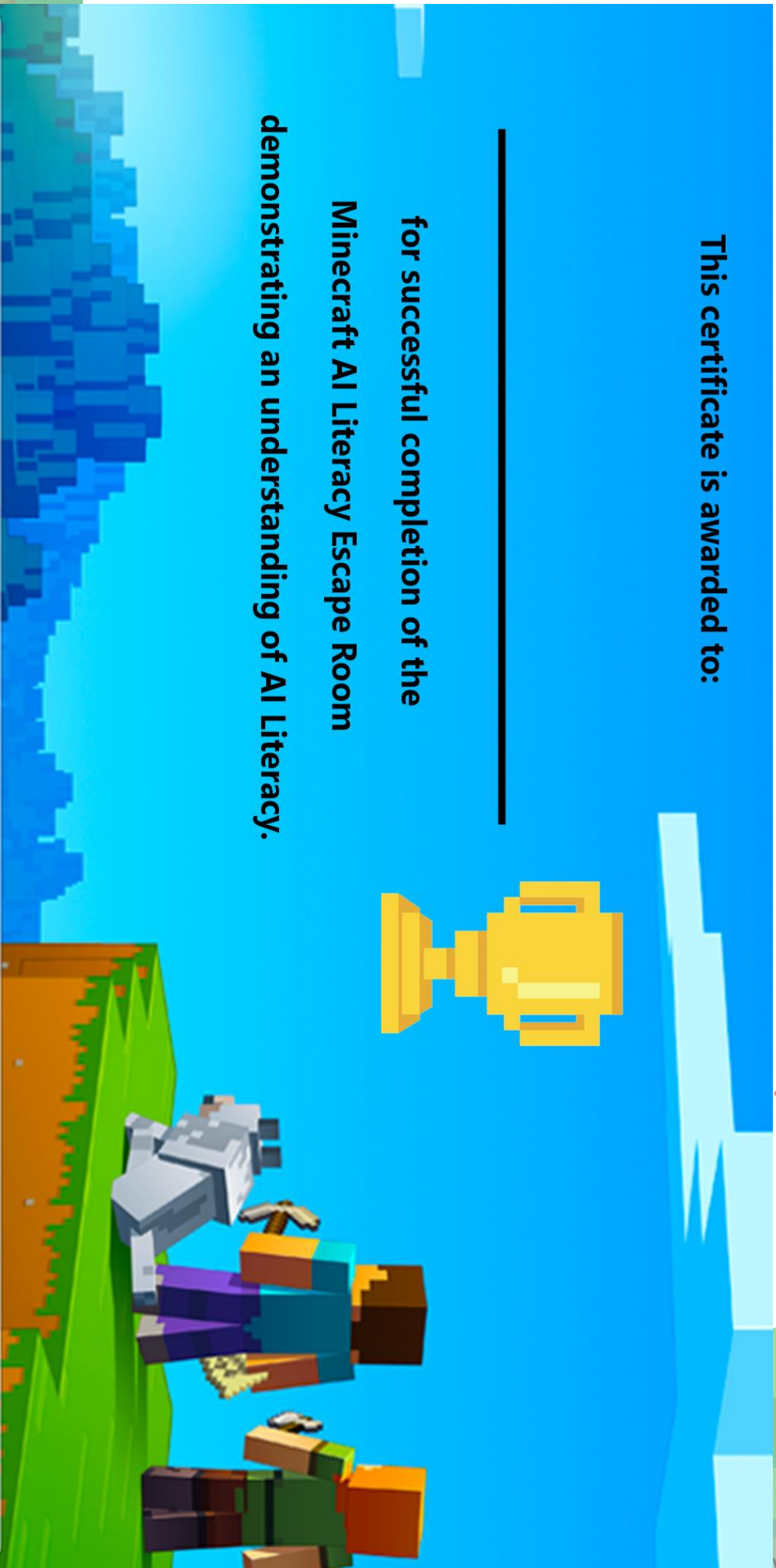
\* Should you not be able to complete the lesson in one lesson, please will you ask your students to export the world and save it so that they can open it at their last set of work. This is due to a temporary snag, and once the snag is resolved you will be able to open the world from the "My Worlds" folder on Minecraft.

**This certificate is awarded to:**

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**for successful completion of the  
Minecraft AI Literacy Escape Room  
demonstrating an understanding of AI Literacy.**





*We would like to express our gratitude to:*

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