# 📝 Module 1 Worksheet: What is GIS?

This is your companion to Module 1: What is GIS?  
It’s designed to help you reflect, sketch, and connect what you learn to the real world. You can complete it digitally or print it out — whatever works best for you.

## ⏱️ 60-Second Definition Challenge

Prompt: “What is GIS?”

⏳ Set a timer for 1 minute. Free-write or sketch your answer. Don’t worry about getting it perfect — just get your ideas out.

Your Response:

## 🧠 Core Components of GIS

Match each GIS component to your understanding of what it means.

|  |  |
| --- | --- |
| GIS Component | What It Means to Me |
| 🗺️ Geographic Data |  |
| 📊 Attribute Data |  |
| 💻 Software Tools |  |
| 🧑‍🤝‍🧑 People |  |

## 🔍 Toolbox Exploration Log

Choose one or two activities from the Interactive Toolbox in the module. Reflect on what you explored.

Activity Chosen (highlight one): 🎥 Watch | 👀 Observe | 📚 Read | 🎮 Play | 🎨 Sketch | 🧩 Tactile

Notes or Insights:

## 🧪 Map Explorer Lab

### 🛰 Sentinel-2 Explorer

What location did you look at? What did you notice?

### 📊 Unemployment Pulse App

What patterns did you see in the unemployment map?

Bonus: Did you find another dataset in the Living Atlas?  
Paste the link here or describe it:

## 🌍 Real-World GIS Applications

Choose one sector that interests you. Sketch or describe how GIS is used there.

Sector Chosen (highlight one): 🏥 Healthcare | 🌱 Environment | 🏙 Urban Planning | 🛒 Business | 🧭 Social Justice

Sketch or Describe the Use Case:

## 💬 Reflection Prompts

Pick any 3 of the following prompts to respond to:

1. What surprised you about GIS today?

2. What’s one real-world issue that GIS could help with?

3. What would your own custom map reveal that others might miss?

4. How does “seeing data on a map” change how you understand it?

5. What part of today’s lesson felt most like \*you\*?

## 🎯 Exit Artifact Planning

Choose how you’d like to demonstrate your learning from this module:

☐ Voice reflection  
☐ 1-Minute Video Clip  
☐ Sketch a Map  
☐ Short Written Summary

What format are you choosing?

What’s your message or takeaway going to be?

**For National 4-H Geospatial Team members:**

📬 Upload your file or link to: [onboarding@national4hgeospatialteam.us](mailto:onboarding@national4hgeospatialteam.us)

## 🧠 Bonus: Career Path Sketch

What’s a career, major, or field you're curious about? Write or draw how GIS might connect to it.

✅ You Finished!  
You're now one step closer to thinking like a geographer.