



AI & MY COMMUNITY



DIRECTIONS

In your group, you will design a biome terrarium that uses smart technology to help protect plants, animals, or the environment. Use this worksheet to plan and sketch your ideas before building in Tinkercad.

1. Choose Your Biome
2. Pick a biome (e.g., rainforest, tundra, desert, grassland, or urban garden).
Think about what makes this biome unique:
 - What kind of weather does it have?
 - What plants and animals live there?
3. Brainstorm Environmental Challenges
4. Think about problems your biome might face, such as:
 - Deforestation
 - Pollution
 - Water shortages
 - Climate change
5. Add AI or Smart Technology
6. Imagine how AI, sensors, or smart tools could help.
 - Could you use a smart watering system?
 - Could your terrarium respond to heat or light changes?
 - Could AI protect plants or track animals?
7. Sketch Your Terrarium Design
8. Use the space on the back of this page to draw your biome. Label important features:
 - Plants, animals, and terrain
 - Smart tools or AI systems (e.g., sensors, lights, control panels)
 - Any special features or messages
9. Be Creative and Explain Your Thinking
10. Use the back of the page to describe:
 - What your smart tech does
 - How your design helps the Earth

MY GAMER NAME IS : _____



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MY AI BIOME