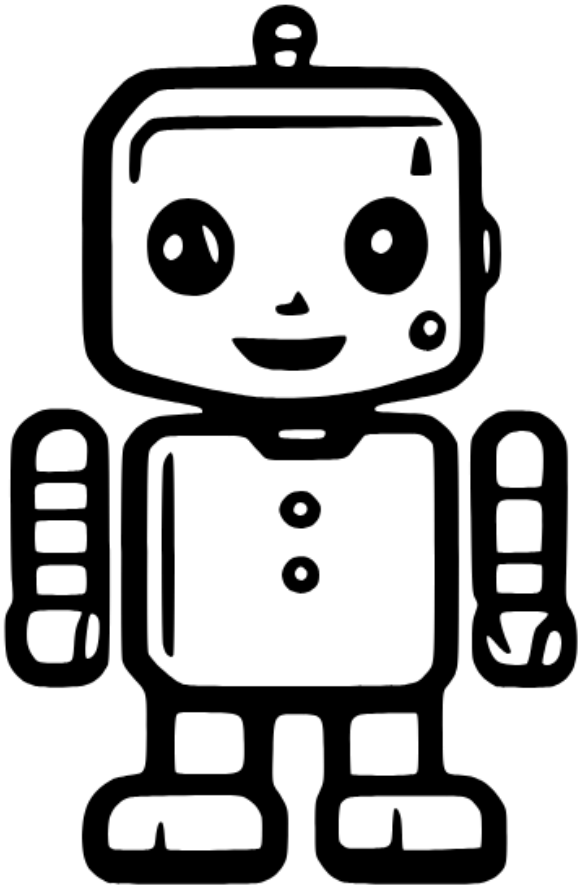
Name: Date: Class:

Robot Design/Prototype Handout

Biome Name _____

Directions:

1. Fill in your assigned Biome Name above.
2. Use 5 different polymers in your robot design.
3. You can use the same polymer more than once, in different parts of your robot.
4. On your Robot Design/Prototype Handout, draw and label your robot.
   Be sure to include:
   - The polymer name.
   - Where each polymer is used on the robot.
   - Why you chose that polymer. What is it good at? (What is its special property?)
   - How the polymer will help your robot work in your biome. What characteristics of the biome (like heat, cold, water, sand, etc.) make that polymer a good choice?



Canva. (2023). *Colorful robot illustration* [Image]. Canva. https://www.canva.com

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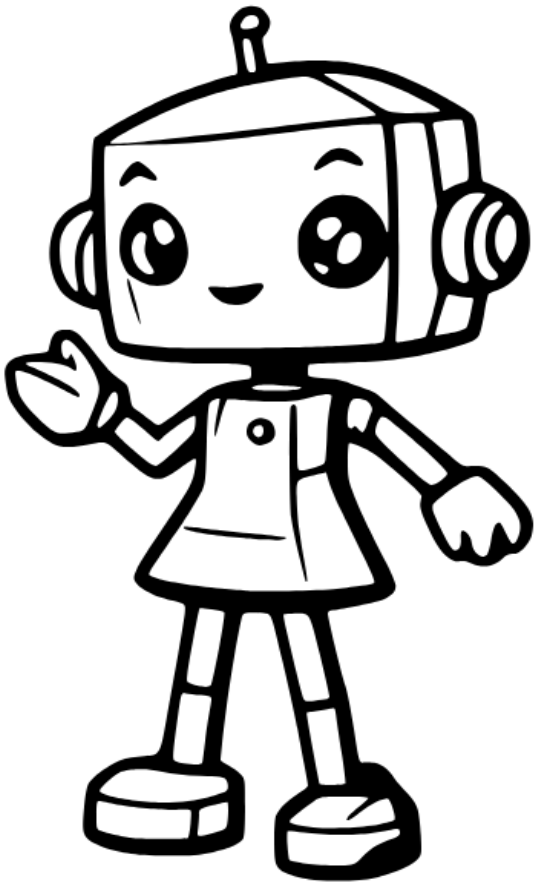

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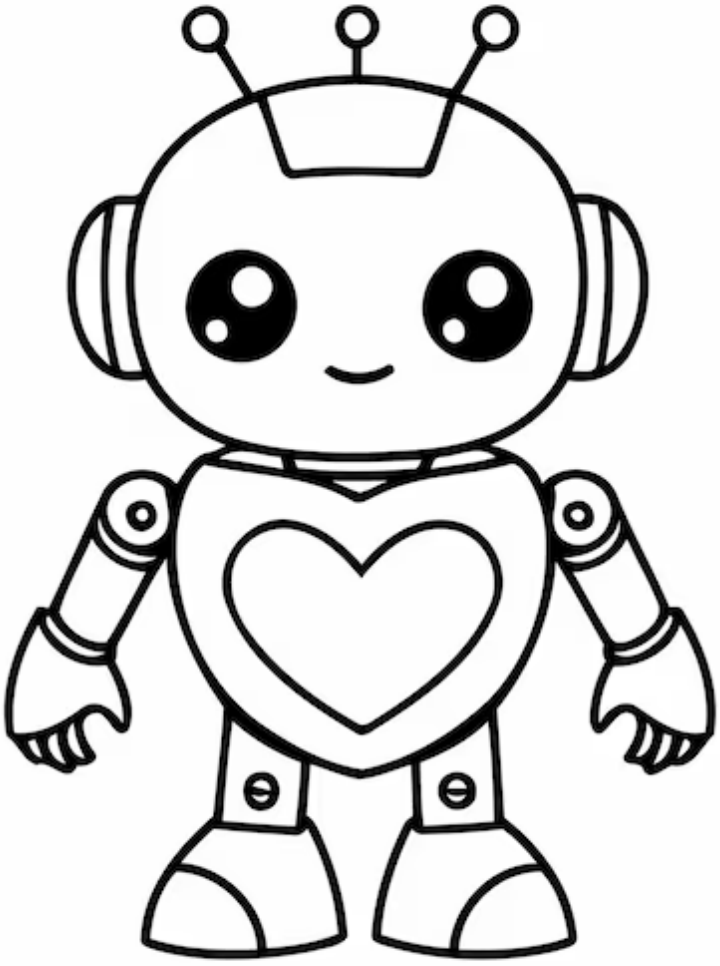

MEA Studios. (n.d.). *Ilustración de dibujo de robot simple para niños página*. Freepik. https://www.freepik.com/premium-vector/simple-robot-drawing-illustration-kids-page_143338999.htm