

Name: _____

Date: _____

Class: _____

Design Grading Rubric

	4 - Super Star	3 - Great Job	2 - Getting There	1 - Needs More Work
Polymer Choice	You used 5 different polymers and explained what each one does in your robot.	You used 4-5 different polymers and told us mostly what they do.	You used 3 or 4, but some reasons are missing or unclear.	You used less than 3 polymers, or you didn't say what they do.
Why You Picked Them	You clearly said why you picked each polymer and how it helps your robot work in your biome.	You explained most choices and talked about your biome.	You gave some reasons, but not very clearly or not always about the biome.	You didn't explain why the materials were chosen or your reasoning don't match the biome.
Robot Drawing or Model	You made a clear detailed drawing or model showing where the polymers go, and why.	You made a drawing/model that shows most parts and explains the materials.	You made a drawing/model, but it's missing some parts or explanations.	You didn't include a clear drawing/model, or it doesn't show where materials go.
Biome Thinking	Your robot design fits your biome really well, you thought about weather, land, animals and plants.	Your robot fits your biome and shows you thought about how to survive there.	Your robot has some good ideas, but you didn't think deeply about the biome.	Your robot doesn't really fit the biome or seems random.
Creativity	Your robot ideas are super creative and solves biome problems in a smart way.	Your robot is fun and shows good thinking.	Your robot has some creative parts, but they're not all finished or thought through.	Your robot doesn't show much creativity or new ideas.
Working With Others	You gave and got helpful feedback, and made great improvements to your robot.	You gave and got feedback, and you made some helpful changes.	You did a little feedback work or made small changes.	You didn't really listen to others or improve your work.
Sharing Your Ideas	You clearly explained your robot, polymers, and biome thinking so everyone understood.	You explained your ideas pretty well.	You shared, but your ideas were a little hard to understand.	You had trouble explaining your thinking, or didn't explain it at all.
Total				

Score _____

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