

Name: _____

Date: _____

BristleBots Planning

1. What are the materials that you will use today to build your Bristlebot?
2. What color pipe cleaners will you use for the arms/ legs of your Bristlebot?
3. Your robot was made of at least these three main parts; a toothbrush head, a motor with wires, and a battery. Of these items, what were connected to make your Bristlebot move?
4. What happens to your Bristlebot if your wires are not connected?
5. How does your Bristlebot move? Why do you think that is? Could you change your Bristlebot in any way to make it move faster?
6. Does the weight of the BristleBot effect it in any way?
7. What is the relationship between mass and movement with your BristleBot?
8. What forms of energy exist in your BristleBot movement?
9. What changes could you make to your BristleBot to make it move in a more straight motion?
10. Write a story about your adventures with your BristleBot:

Name: _____

Date: _____