

Notes to the Future: Eddy Currents

2013

1. Make sure to use neodymium magnets.
2. Do not get magnets at Michael's, order them off of amazon.
3. Neodymium magnets are very brittle, so handle them with care. To avoid them from snapping in half buy thicker magnets.
4. Bring towels to use as a cushioning system when the magnets drop down pipes.
5. Use PVC, Copper, and Aluminum tubes for demonstrations. It is a good idea to have something like a racer to drop the magnets down to amuse the kids.
6. Have the kids look down the tubes to see the effects.
7. Make a poster to help explain your project, put diagrams and pictures on it for visual references.
8. Find real life uses of eddy currents to tell the audience about.

Make the project visual appealing and exciting because eddy currents is not the best project for drawing people in.