

Name _____



Embarking On Science

Emma loved to embark on exciting science experiments. One day, she decided to explore the world of electromagnets in her basement laboratory. She was eager to see what she could create with a few simple materials.

First, Emma gathered an empty soda can, a copper wire, and a large battery. She wrapped the copper wire around the soda can, leaving enough wire to connect to the battery. Emma carefully connected the wires to the battery terminals, and immediately, the can became an electromagnet.

Emma felt a rush of excitement as she used the electromagnet to pick up small metal objects. She noticed an empurpled paperclip that was stuck in a crack on her workbench. With her new tool, Emma easily retrieved it.

Next, she saw an emerald-green marble that had rolled under a shelf. Although it was not magnetic, Emma felt empowered to continue her experiment. She decided to see if she could lift an enormous nail with her electromagnet.

As she attempted to lift the nail, the electromagnet slipped and Emma heard an emphatic clatter. She quickly adjusted the setup and successfully lifted the nail. Emma felt embraced by a sense of accomplishment and knew she had learned a lot from her experiment.