

# Explain Everything Electromagnet

**Goal: Create an education video using Explain Everything to clearly show, step by step, how to build an Electromagnet.**

**Requirements: Presentation will include the use of the following vocabulary words during the presentation with audio and visual components. (sound and graphics)**

**wire**

**battery**

**conductor**

**voltage or volt**

**iron core**

**magnetic field**

**coil**

**magnetic pole**

**Presentation must have a title and producer's first names only.**

**Include a list of the materials needed.**

**Clearly show how to connect the parts to build the magnet.**

**Include tips on how to make the magnet stronger or better.**

**Discuss some of the variables that can make the electromagnet stronger or weaker.**

**The presentation must include video. It cannot simply be a still screen capture of how to build an electromagnet.**

**Avoid the use of distractions that take away from the effectiveness of the video.**

**Be certain that all audio (sound) is high enough quality, easy to understand, and makes sense for watchers of your target audience.**