



a WOW Lab

**BLUEPRINT**

Marble Generator

## Resources

### Books

The following textbook is a good reference for the topics covered in this activity. *Part 4* provides simple but detailed explanations of wave physics, sound, and analogue signals. *Part 5* describes Ampere's Law, as well as the other laws of electromagnetism:

Hewitt, P. *Conceptual Physics*. Boston: Addison Wesley, 2001.

### Websites

This website provides comprehensive explanations on how electromagnets work:

Brain, Marshall. "How Electromagnets Work." *Discovery Communications, LLC*. 2011. Accessed 14 December 2011.

<http://science.howstuffworks.com/electromagnet.htm>