

Ferrofluids

Curriculum Suggestions

Sample Lesson Plan

Ferrofluid Overview

Ferrofluids

Ferrofluid Teacher Notes

Ferrofluid Student Notes

Demonstration 1 (Instructor Copy)

Investigation 1 (Student copy)

Investigation 1 (Instructor copy)

Investigation 2 (Student copy)

Investigation 2 (Instructor copy)

Experiment 1 (Student copy)

Experiment 1 (Instructor copy)

Ferrofluid Review Questions (Student Copy)

Ferrofluid Review Questions (Instructor Copy)

Ferrofluid Assessment (Student copy)

Ferrofluid Assessment (Instructor copy)

Appendix A: Magnetic Properties of Magnetite

Appendix B: Instructions for Building the Magnetite Structure