

## Magnetic Mania:

### Correlation to National Science Education Standards:

<b>National Standards to which this program aligns</b>	<b>National Science</b> <b>K-4</b> <b>Science as Inquiry:A</b> * <u>Understanding about Scientific Inquiry</u> : asking and answering questions, different kinds of investigation <b>Physical Science: B</b> * <u>Light, Heat, Electricity, and Magnetism</u> : electricity in circuits can produce heat and magnetic effects, magnets attract and repel  <b>5-8</b> <b>Science as Inquiry:A</b> * <u>Abilities to do Scientific Inquiry</u> : identify questions, interpret data, use evidence to explain, think critically about evidence <b>Physical Science: B</b> * <u>Transfer of Energy</u> : electrical circuits transfer electric energy <b>History and Nature of Science: G</b> * <u>Nature of Science</u> : test using observation and experiment
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### Missouri Grade Level Expectations

#### **3<sup>rd</sup> Grade**

Strand 7 Scientific Inquiry: 1Ab, 1Ba, 1Bd, 1Cb, 1Db

#### **4<sup>th</sup> Grade**

Strand 1 Matter and Energy: 2Aa, 2Fa

Strand 2 Force and Motion: 2Df

Strand 7 Scientific Inquiry: 1Ac, 1Bb, 1Bd, 1Cb, 1Db

#### **5<sup>th</sup> Grade**

Strand 7 Scientific Inquiry: 1Aa, 1Ac, 1Be, 1Cb, 1Db

#### **6<sup>th</sup> Grade**

Strand 7 Scientific Inquiry: 1Aa, 1Cb, 1Db

#### **7<sup>th</sup> Grade**

Strand 1 Matter & Energy: 2Ah, 2Fb

Strand 7 Scientific Inquiry: 1Aa, 1Cb, 1Db

#### **8<sup>th</sup> Grade**

Strand 7 Scientific Inquiry: 1Aa, 1Cb, 1Db