**Kindergarten Science Unit Organizer**

**Introduction to Magnetism**

**Kindergarten…..Horton, Shockley, Trout**

**Summary**

The students will be introduced to the idea that there are forces we cannot see that act upon objects.

**The Big Idea**

Magnetism is a property of matter that can be used to classify materials.

**Colorado State Standards:**

SC K.1.2 Objects can be sorted by physical properties, which can be observed and measured

SC K.1.2.a: Observe, investigate, and describe how objects can be sorted using their physical properties

SC K.1.2.b: Explain why objects are sorted into categories

SC K.1.2.c: Sort a set of objects based on their physical characteristics, and then explain how the objects are sorted

**Common Core Standards:**

**RLK.1** With prompting and support, ask and answer questions about key details in a text.

**RIK.2** With prompting and support, identify the main topic and retell key details of a text.

**RLK.4** Ask and answer questions about unknown words in a text.

**RLK.10** Actively engage in group reading activities with purpose and understanding.

**SLK.2** Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.

**WK.2** Use a combination of drawing, dictating, and writing to compose informative/explanatory texts in which they name what they are writing about and supply some information about the topic.

**WK.8** With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.

**Core Knowledge Unit:**

1. Magnets are used in familiar everyday objects
   1. Refrigerator
   2. Cabinet locks
   3. Children’s toys
   4. Wallet clasps
   5. Computers
   6. Compasses
2. Materials can be classified according to whether they are or are not attracted by a magnet
   1. Iron nail vs. a crayon
   2. Paper clip vs. a Dixie cup
3. Magnets come in different shapes, sizes and strengths
   1. Horseshoe, bar, disc, wand

**Previous Unit:**

Healthy Body

**Prior Knowledge**

Pre-School

Introduction to Magnetism

**Next Unit**

Taking Care of the Earth

**What Students Will Learn in Future Grades**

**Grade 1:**

N/A

**Grade 2:**

Magnetism

**Cross Curricular Links**

N/A

**Additional Resources**

For Teachers:

\*Core Knowledge Teacher Handbook

\*What Your Kindergartener Needs to Know

For Students:

\*What Magnets Can Do, by Allan Fowler

\*Mickey’s Magnet, by Franklin M. Branley and Eleanor K. Vaughan

\*Magnets, by Anne Schreiber