Weekly Plan:

Teacher: George	**Week of:** April 3-7, 2017
Subject: Science	**Quarter 4 Week 3**

Monday	Tuesday	Wednesday	Thursday	Friday
SPI/Check for Understanding: • **GLE 0807.12.1** Investigate the relationship between magnetism and electricity • **GLE 0807.9.2** Explain that matter has properties that are determined by the structure and arrangement of its atoms. **GLE 0807.12.3** Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet.	**SPI/Check for Understanding:** • **GLE 0807.12.1** Investigate the relationship between magnetism and electricity. • **GLE 0807.12.3** Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet.	**SPI/Check for Understanding:** • **GLE 0807.12.1** Investigate the relationship between magnetism and electricity. • **GLE 0807.12.2** Design an investigation to change the strength of an electromagnet.	**SPI/Check for Understanding:** • **GLE 0807.12.1** Investigate the relationship between magnetism and electricity • **GLE 0807.9.2** Explain that matter has properties that are determined by the structure and arrangement of its atoms. **GLE 0807.12.3** Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet.	**SPI/Check for Understanding:** • **GLE 0807.12.1** Investigate the relationship between magnetism and electricity. • **GLE 0807.12.2** Design an investigation to change the strength of an electromagnet.
Students will understand, know, be able to… • Produce an electromagnet using a bar magnet and a wire coil. • Experiment with an electromagnet to determine how to vary its strength.	**Students will understand, know, be able to…** • Explain the relationship between magnetism and electricity.. • Describe the properties of magnets • Explain why a compass needle points north	**Students will understand, know, be able to…** • Investigate the relationship between magnetism and electricity • Create a diagram to explain the relationship between electricity and magnetism**.** • Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet. • Produce an electromagnet using a bar magnet and a wire coil. • Experiment with an electromagnet to determine how to vary its strength.	**Students will understand, know, be able to…** **, be able to…** • Investigate the relationship between magnetism and electricity • Create a diagram to explain the relationship between electricity and magnetism**.** • Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet. • Produce an electromagnet using a bar magnet and a wire coil. Experiment with an electromagnet to determine how to vary its strength.	**Students will understand, know, be able to…** • Investigate the relationship between magnetism and electricity • Create a diagram to explain the relationship between electricity and magnetism**.** • Compare and contrast the earth's magnetic field to that of a magnet and an electromagnet.
Learning Activities • **Notes:** Ch. 16.2 • **Directed Reading 16.2**	**Learning Activities** **-Near pod presentation** **-Directed notes** **-pre and post test**	**Learning Activities** • **Lab:** Electromagnet	**Learning Activities** • **Notes:** Chapter16.3	**Learning Activities** • **Chapter 16 Review**
Assignments: • **Lab on Wednesday**	**Assignments:** • **Test on Monday** • **HW: Directed Reading 16.3**	**Assignments:** • **Test on Monday** • **HW: Work on Lab Anaylsis**	**Assignments:** • **HW: Complete Study Guide** • **Test over Magnets on Monday**	**Assignments:** • **Test on Monday Chapter 16** • **Lab due Today!**