

Monday, March 30th

1. View the PowerPoint on Magnetism and take notes over it.

https://risingsunschools-my.sharepoint.com/:p/g/person/alevi_risingsun_k12_in_us/EX1nQRrG7RZHRN1GmfEezUBmLY0XyjdNne5jPE5uR7qew?e=NaTvIE

2. Draw a picture of magnetized and unmagnetized material in your notebook.

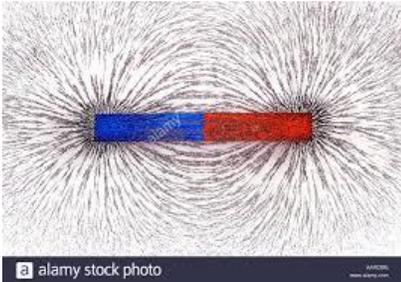
3. Read the article on Anti-Theft Security Devices. **Send me an email with a picture or a written explanation of what you think the atoms in the “activated security tag” and the “deactivated security tag look like.** This email will be your grade for the day.

<https://www.apexmagnets.com/news-how-tos/crime-stopping-magnets/>

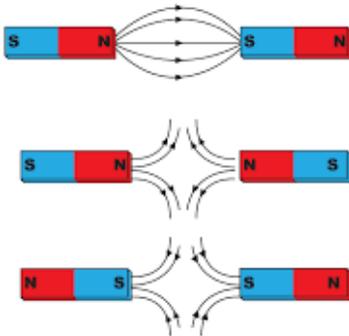
Tuesday, March 31st

1. Copy the following notes into your notebook.

*Every magnet has a **magnetic field** or an area around the magnet where magnetic force can be felt. This can be seen by sprinkling shavings of Iron called Iron filings over a magnet.



*When two similar or “like” ends of a magnet are brought together they repel or push away from one another. When two “opposite” ends of a magnet are brought together they attract or pull together.



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2. Have you ever seen a magician appear to levitate an object? Below is a picture of a levitating car. **Send me an email explaining how magnets are being used to levitate the car.** This email will be your grade for the day.



Wednesday, April 1st

1. If I asked you to close your eyes and picture a magnet, most of you would visualize a solid. Did you know that magnets can also come in liquid form? A **ferrofluid** or ferromagnetic fluid is a liquid that becomes strongly magnetized in the presence of a magnetic field. A ferrofluid works because it has fine particles of iron, magnetite or cobalt suspended in it.



2. Read following article about ferrofluids. **Answer the questions in the Microsoft Forms link about the article.** This is your grade for the day.

https://risingsunschools-my.sharepoint.com/:w/g/person/alevi_risingsun_k12_in_us/EeaLEJlp_MILhoOlsk37oBGuWUJKs1S9FWYVY4PvZ8OQ?e=iHVSjn

Microsoft Forms Link

https://forms.office.com/Pages/ResponsePage.aspx?id=JFETTPytSue8OyIWMO7gCPV27dZU1x5MjRaIEsfQ_2JUNEIFMThONUw4V0xQRIRSNjQ2OFFYM0pYNy4u