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| Year 3 Science – Forces & Magnets – Autumn 1 |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * I understand that sometimes objects pull themselves together by an invisible force (magnetic)
* I understand that metal and rocks can be magnetic.
* I know that my fridge might have magnets on
* I know how to make things stop and start.
* I understand that sometimes objects pull themselves together by an invisible force (magnetic)
* I understand that metal and rocks can be magnetic.
* I know that my fridge might have magnets on
* I know how to make things stop and start.
 | * I know about and describe how objects move on different surfaces
* I understand how a simple pulley works and use to lift an object.
* I know how some forces require contact and some do not, giving examples.
* I can explain how magnets attract and repel.
* I know that magnets have two poles.
* I can compare how things move on difference surfaces.
* I can make observations of magnets attracting and repelling each other.
* I can compare and group a variety of everyday materials based on whether they are attracted to a magnet.
* I can predict whether two magnets will attract or repel each other, depending on which way the poles are facing
 | Forcepage1image1613185648 | A push or a pull and is measured in Newtons |
| Magnetic | An object or material that moves |
| Pole | The strongest part of a magnetic. Split into the north and south pole. They are opposites |
| Attract | This is the word we use to explain when two magnets connect. |
| Repel | This is the world we use to explain when two magnets will not connect. |
| Friction | A force that slows objects down |