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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 | Force  page1image1613185648 | 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 |