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| **Key Theme** |
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Year 3 – Spring 2: What’s below the surface?



From the Artist, Mandy Barker

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| **Links to past and future learning** |
| * In year 2 we learnt all about recycling and properties of materials.
* In year 4 we will learn about living things and their habitats and how their environments can change.
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| **Sticky Knowledge & Skills** |
| * Identifying human and physical characteristics, key topographical features of the Antarctic.
* To plan an expedition and learn about Shackleton.
* Children should be taught about the work of a range of artists, craft makers and designers …and making links to their own work (Henri Matisse) & (Mandy Barker)
* Pupils are taught how to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
* I notice that some forces need contact between 2 objects, but magnetic forces can act at a distance
* Observe how magnets attract or repel each other and attract some materials and not others
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| **Key Vocabulary** |
| Human features**(geography)** | made by humans and which humans have changed or influenced |
| Physical features **(geography)** | anything that is on the Earth naturally |
| Collage (art) | art form that is made up of overlapping pieces of material |
| Equator(geography) | An imaginary line at 0 degrees latitude, at equal distance from both the North and South Poles. |
| Force(science) | a force is a push or a pull. Forces can change an object's speed, its direction, and even its shape. |
| Attract (science) | pull (opposed to repel):  |
| Repel (science) | to force (something) to move away or apart. |
| Gravity (science) | the name for a force that pulls everything down toward the centre of the Earth.  |
| Friction (science)  | a force - the action of one surface or object rubbing against another. |

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| **Key Texts** |
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| **Core Value Focus** |
| Critical thinking, emotional health, compassion. |

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| Geography | Science | RE |
| Name 3 examples of human features  | Buildings, bridges, canals | What is a force? | A push or pull |  |  |
| Name 3 examples of physical features  | Rivers, mountains, islands, cliffs | Explain the meaning of attract  | A pull – opposite to repel  |  |  |
| What is the equator?  | An imaginary line at 0 degrees latitude, which circles the Earth at equal distance from each pole.  | Explain the meaning of repel  | A push away – opposite to attract  |  |  |
| What are the names of the compass points? | North, East, South, West(children should know the order of these, and be able to write them in the correct places) | What is gravity? | A force that pulls everything down towards the centre of the Earth.  |  |  |