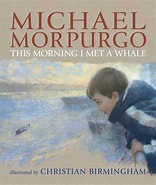
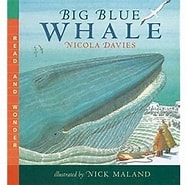
# H:\2022-2023\New folder\These ones\Nature icon 1.pngH:\Logo.jpg

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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. |  |  |