

Year 3 On the Doorstep— A trail of inquiry

Intent: To learn about the place they live (Ellesmere Port) and how this fits into the county of Cheshire West and Chester .

Hook: Ellesmere Port Coat of Arms

P4C ('botheredness')

Beauty, faith, value

Notable people

Who?	What did they do?
Kim Atkinson	A British artists that enjoys drawing landscapes, in particular garden, cliffs and coasts. She has also created all of the artwork for the Sandstone trail.

Key Vocabulary

north pole, south pole, coasts, cliffs, mountains, settlement, land use, cliff erosion, copyright, digital book, PDF, URL, Creative Commons Search, air resistance, water resistance, gravity, Newton, gears, pulleys, mechanisms, pivot point, upwarped, volcanic, fault-block, and folded., compass, North, South, East, West, Earth's crust, upwarped, volcanic, fault-block, and folded, tessellating, clockwise, anticlockwise, Magnetic, force, attraction, repel, friction, poles, push, pull, magnetic field, internet, communicate, collaborate, data, binary code, fauxtography

Key Dates

Time	Fact
225 million years ago	The rocks of the Sandstone Trail were thought to be formed at this time
1974	Sandstone Trail path was created
1990s	Sandstone Trail was extended

Trips, Visitors and Visits

Sandstone Trail day trip - Frodsham to Manley

Residential visit to Arete.

Authentic Product	Subjects Covered	Knowledge of
Create a digital information book about land features	Geography Computing (see My Hero unit)	<ul style="list-style-type: none"> • A Creative Commons Search provides access to services that guarantee that the images returned are copyright free. • Digital books can contain a combination of images, text, voice recordings and videos. • The 8 points of a compass are: N, NE, E, SE, S, SW, W, NW • The United Kingdom is split into counties and making up these counties are cities and towns like Chester and Ellesmere Port. • Settlements are places where people live and sometimes work. • A coast is where land meets the sea. • Cliff erosion happens when water erodes land and over time it • Cheshire West and Chester is the county we live in
Sketching/Drawing based on the Sandstone trail.	Art—Printing Geography	<ul style="list-style-type: none"> • Mountains are formed by movements of the Earth's crust. • The Earth's crust is made up of 6 plates that fit together like a jigsaw. • When two plates of the Earth's crust smash into each other, the land can be pushed upwards, forming mountains. • There are four types of mountains: upwarped, volcanic, fault-block, and folded. • Learn from mistakes of printing and how to improve this so that the finished product is improved. • A tessellating pattern is a pattern that repeats and joins together with no overlaps or gaps • Tessellating patterns can be clockwise or anti clockwise and can be in quarter, half or 3/4 turns • Notice the background is printed (in reverse), not the incised image. Identify key visual elements of medium: line/dot, tone, colour, pattern, shape

MINI TOPIC	Subjects Covered	Knowledge of:
Forces and Magnets	Science	<ul style="list-style-type: none"> • A force is a push or a pull. • Some forces can act at a distance e.g. magnetism • Magnets have two poles—a north pole and a south pole • If two like poles are brought together e.g. two north poles they will push away from each other (repel). If two unlike poles are brought together e.g. North and South, they will pull together (attract) • For some forces to act there must be contact e.g. a hand opening the door.
How do computers work?	Computing	<ul style="list-style-type: none"> • The internet has had a large impact on how we communicate and collaborate with each other • The internet transports data from one computer to another • Data that travels via the internet is expressed as numbers which are communicated using binary code which is made up of 1s and 0s.
<p>Christmas Symbolism</p> <p>How do Christians use the Bible to help them with their lives?</p>	RE	<ul style="list-style-type: none"> • How the Bible helps Christians with their lives. • Of how to form an opinion on what I think about Jesus.

See long term plans for French, PE, Literacy, Maths, SRE