

	Literacy	History/Geography	Art/DT	Science	Other
Entry Point Day	<p>How would you go about solving a crime? E.g. Someone has stolen our class teddy. What steps would you take to solve it? What questions would you need to ask? (Draw out that you must rule people out as suspects by using clues until you only have one possible correct answer). E.g. If you know all the boys were playing football with an adult, could it have been a boy? A jumper was left behind? Could it be someone who is still wearing their jumper? What about if a blond hair was found at the scene?</p> <p>Introduce their idea of ruling possibilities out and explain how to play Cluedo. Play Cluedo - see Robyn/Kim Shoulder for Resources</p>				
Wk 1	<p>Topic write: Inference link: Why do you think these objects from the swag bag were stolen? What could they be used for? What do you think the criminal was going to do with them?</p>			<p>Make a swag bag filled with a range of everyday materials. Let's examine the clues in this bag to see if we can discover anything. Different bags contain different items.</p> <p>Compare and group together everyday materials on the basis of their properties (strength, hardness, toughness, elasticity, stiffness, bounciness) - test rock, wood, plastics, metal, paper, card, fabrics, magnets, glass, ceramics, sponges, rubber</p> <p>Link to inference: Topic Write</p>	<p>RE: Hinduism – 2 full days Brahman, the Trimurti & creation stories</p>
Wk 2	<p>Literacy ideas for context:</p> <p>Science in the news Famous scientists DNA discovery - Watson and Crick Detectives - Sherlock Holmes, Emil and the detectives Reading - being detectives - inference and deduction Enid Blyton and mystery stories Explanation texts - how to.... instructions - how to separate etc communicating discoveries - newspapers, blogs, articles Character description of cluedo characters/invent new character Hercule poirot/miss Marple character descriptions Story based on Cluedo</p>			<p>What would make a good swag bag or how could you secure your house from burglars? Have goodies vs baddies in class - with 2 different experiments</p> <p>Give reasons why materials are made of what they are - are they fit for purpose?</p> <p>Plan an experiment to test if a material is fit for purpose, eg, a paper bag for heavy items, carrier bag for eggs, doors made of cotton etc.</p> <p>(See rising stars pg 23 -Unit 2/materials/Y5)</p>	<p><u>Extra science/Maths</u></p> <p>How could we catch a criminal? The traces we leave behind - blood, footprints, fingerprints, hair, handwriting analysis, ink stains, fibres from clothes, teeth marks, cctv etc)</p> <p>See Rising Stars pg 90 Unit 6/super scientists - Handwriting, ink stains (not fingerprints as they will do this on their school trip!)</p>

Wk 3		<u>History/British Values/PSHE</u> How to report a crime. How has this changed through History. Should you take the law into your own hands?		Learn about mixtures and solutions - see Rising Stars pg 26/Y5/Unit 2, Eg, muesli is solid in solid, lemonade is gas in liquid, liquid in liquid - milk, soluble solid in liquid - salt water, insoluble solid in liquid - sand in water Make different types of mixtures and solutions and investigate which materials will dissolve in liquid to form a solution - not all liquids are water! Write up observations. Make invisible ink - dissolve sugar in water (as much as you can before it saturates) and write with a quill/stick. Let it dry then iron it - it burns the sugar and letter can be read. This is direct evidence that the substance has dissolved, not disappeared. Could investigate the rate of dissolving - What's the quickest way to make invisible ink - stirring/heat/volume of liquid/particle size.	<u>Extra science/maths</u> See Rising Stars pg 90 Unit 6/super scientists - shoe prints, teeth marks (not fingerprints as they will do this on their school trip!)
Wk 4 School trip to Chelmsford Police museum			Fingerprint art - see mood board or internet for inspiration	Let's detect! Which of these solutions could be invisible ink? <u>Reversible reactions</u> Demonstrate how you can use evaporation to find out if your liquid is a solution. (Evaporation will result in getting your original substance back). Investigate which of these substances are solutions - sugar, salt etc	ICT: CCTV analysis
Wk 5			Splatter-paint artwork - Paul Jackson Pollock	<u>Irreversible reactions</u> The difference between a change in state, which is reversible and a chemical change - new product. See Rising stars pg 35 unit 2/Y5	<u>Extra science/maths</u> See Rising Stars pg 90 Unit 6/super scientists - splatter analysis, fibre analysis
Wk 6		<u>History</u> Look at some technological changes and/or discoveries in detecting crimes throughout history		What is this mess? Mr Allan found someone has tipped lots of resources together in the stockroom. Can we help separate them back to put away? (pasta, sand, paperclips, water, sugar) Teach magnetism, sieving, filtering. Chn to separate the materials. Apply dissolving and evaporation - will they	

				remember that the sugar will have dissolved and can be retrieved by evaporation?	
Wk 7 3 days https://education.scholastic.co.uk/content/9794	A crime in school: A laptop has been stolen by a teacher. The police have narrowed it down to a few suspects. The laptop was stolen after school therefore it wasn't any children. 4 people were seen using the laptops - Mr Allen, Mrs Haken, Miss Pearce, Miss Price when they went missing. Display the clues we have - a pen was left on the laptop stand where it went missing from, a few different finger prints were also found on this stand. A scrap of post-it with a few words written, Some clothes fibres were found caught to the door of the laptop stand. A footprint was found with mud/sea water etc. In groups chn to carry out forensic tests to solve crime, applying all their learnt knowledge. Examine CCTV.		A crime out of school Can we use science to solve a crime? Lesson on a plate - murder mystery investigation. Chn to watch the video, and use maths/Science to solve the crime.		
Wk 8	Christmas-based activities				

Suggested Texts:

Emil and the detectives

Nancy Drew?

Enid Blyton - five go..... and "The find-outers"