**Science:**

Materials and their properties:

* compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
* know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
* use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
* give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
* demonstrate that dissolving, mixing and changes of state are reversible changes
* explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

**Attainment Targets:**

* planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
* identifying scientific evidence that has been used to support or refute ideas or arguments

**The Hook:**

Visit: Visit by forensic play group to demonstrate a crime scene.

**Literacy:**

Extended writing task: Persuasive Writing

Prosecuting or defending

**Attainment Targets (English)**

* identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
* Use a wide range of devices to build cohesion within and across paragraphs.
* assessing the effectiveness of their own and others’ writing

**Forensics**

**Art:**

\*Sketching – chn will create a sketch book as they develop their ideas for a possible criminal/ suspect.

Faces- children complete sketching half of a face to portray a criminal/ suspect.

\*Painting – Chn will create a painting of their finished product.

**Attainment Targets:**

* to create sketch books to record their observations and use them to review and revisit ideas
* 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]
* about great artists, architects and designers in history