**SCIENCE- Early Science Knowledge and awareness**

Stage 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **The pupil can** |  |  |  | **Comments** | **Date** |
| * sort objects according to type (strong contrast eg ball and cup)
 |  |  |  |  |  |
| * independently explore properties of water eg liquid, ice
 |  |  |  |  |  |
| * mix colours eg paint, dye in water, playdough, cooking
 |  |  |  |  |  |
| * mix materials and communicate outcomes eg flour & water, mud & water
 |  |  |  |  |  |
| * explores conservation of volume by pouring water into a variety of containers in water tray
 |  |  |  |  |  |
| * show an understanding of cause-and-effect eg press a switch to gain a response
 |  |  |  |  |  |
| * demonstrate an awareness of start and stop when pushing toys
 |  |  |  |  |  |
| * explore the buoyancy properties of a range of objects in water during water play – pupil can visually track the movement of the object when placed in the water
 |  |  |  |  |  |
| * attend to look at self in a mirror
 |  |  |  |  |  |
| * imitate actions involving body parts eg clapping, drumming
 |  |  |  |  |  |
| * explore a range of light sources eg torch, lamps, sensory tubes
 |  |  |  |  |  |
| * use a pipette to drop liquids
 |  |  |  |  |  |
| * collect and explore a range of natural items eg flowers, tree cones, stones, sticks
 |  |  |  |  |  |
| * sort natural items into like groups
 |  |  |  |  |  |
| * sort stones and leaves
 |  |  |  |  |  |
| * identify common animals eg cat, dog, horse, fish
 |  |  |  |  |  |
| * point to nose, eyes, ears and hair
 |  |  |  |  |  |
| * use a baby to roll play their needs eg sleep, eat, cuddle
 |  |  |  |  |  |
| * identify ‘hot’ and ‘cold’ in relation to weather
 |  |  |  |  |  |
| * can identify common fruit eg apple, orange and banana
 |  |  |  |  |  |
| * water houseplants
 |  |  |  |  |  |
| * look for objects hidden eg look for pine cone in a box of pasta
 |  |  |  |  |  |