

Science Unit Pathway at Castlechurch

1. Overarching question shared with the children at the beginning. Use visual prompts to aid scientific discussion to allow children to work scientifically. These activities are designed to allow children to recall previously taught knowledge while making links with schema (e.g Animals including humans) which will embed learning.



2. Retrieve key scientific vocabulary to develop automaticity. Teach new vocabulary and explore new components.

3. Engage, explore and investigate practical tasks to develop key skills including that of independence.

4. Practise and repeat all components for fluency by varying the task or format. Practical exploration is the key.

5. Apply key scientific skills to carry out an independent or guided, question led, investigation. (components)

6. Evaluate, reflect, prove, explain and present in a variety of ways to celebrate the learning from the unit. Overarching question (composite) to be answered before beginning the next unit of learning.

Throughout a unit of learning, questioning and feedback with appropriate scaffolding are used to promote a natural curiosity for the subject and to ensure cumulative knowledge.