

Sale and Davys C.E. (Controlled) Primary School Improvement Plan 2021-2022

Subject: Science

Subject Leader: Helen Mancini

SIAMS Inspection Key Priorities 2019:

Priority 1: To fully develop the recent visual support of the four spiritual themes to further enable staff to explore this approach.

Priority 2: To make use of recent developments in Religious Education, so that pupils benefit more fully from the use of assessment tools to inform progress.

Subject Leader activities 2021/2022

Aut: Lesson ob/ book trawl/ **planning scrutiny**/ learning walk/report or presentation to governors/ **other**;

Spr: Lesson ob/ book trawl/ **planning scrutiny**/ **learning walk**/ **report or presentation to governors**/ other;

Sum: **Lesson ob**/ **book trawl**/ **planning scrutiny**/ learning walk/ report or presentation to governors/ other;

Objective	Start Date	Success Criteria	Specific actions	Other Personnel	Resources	Next Steps
To ensure that intent and implementation for science is in place across the school.	Sep 2021	Clear progression across the school Progression grids are consistently used for medium term planning	All class teachers to highlight objectives on medium term planning taken from progression grids. Science subject leader to scrutinise planning across the school and to identify strengths and areas for development	All class teachers	Staff meeting time. PPA	Address AFI
2.1 Ensure that the teaching is consistently strong and	Nov 2021	Planning shows that SEND, Pupil premium and greater depth children are	focus on specific groups.	Report shared with	Subject leader time	Address AFIs

addresses the needs at all levels so that all groups make the necessary progress		appropriately challenged. Differentiation is clear	Report produced on strengths and areas for improvement.	science Governor		
Implement Science Subject Masters 2.5	Nov 2021	Science Subject Masters visible in each classroom. Children can clearly articulate what subject masters are.	Learning walk Whole school worship to explain science subject master Pupil discussions Report produced on all the above activities with strengths and AFI identified.	Science Governor All pupils	Subject leader time PPA	Share with governors.
Implementation of Science Master 2.5	Jan 2022	Science subject masters regularly referred to in Science lessons and in CW All ability groups are able to access Science Subject Master	Lesson observations with a focus on the newly implemented subject masters, SEND, Pupil premium, catch up and greater depth. Report produced with strengths and AFIs	Teaching staff	Subject leader time	Reports shared with staff and governors.

		Displays/ working walls evidence subject masters				
Spring 2022	Plan science week 2022 Each year group to complete at least one science experiment and uses the agreed format to write up the experiment.	Co-ordinator Co-ordinator Co-ordinator	Science governor	Subject coordinator Time/ PPA Subject coordinator Time/ PPA Subject coordinator Time	Enhance learning experiences. Enhance learning experiences. Ensure consistency of teaching and key vocabulary/ concepts in science are being taught.	Spring 2022
To compile a list of Science vocabulary.	Spring 2022	To compile a list of Science progression vocabulary.	Science subject lead to look at Science vocabulary used across the key stages.	Discuss with Teaching Staff	Subject Leader time	Share the compiled list with Teaching staff.

To compile a list of Science books	Summer 2022	To compile a list of Science Books to add to curriculum library	Science subject lead to look at Science resource books used across the key stages.	Discuss with Teaching Staff	Subject Leader time	Share the compiled list with Teaching staff.
Implement specific opportunities for children to speak and listen and to self- assess in each year group/class	Summer 2022	Ensure regular Science lessons are taken place	Science subject lead to look at term timetable.	Shared with Science Governor	Subject Leader time	Monitor implementation of Science regular lesson