

MILLBROOK COMMUNITY PRIMARY SCHOOL
SUBJECT CO-ORDINATOR ACTION PLAN 2023-24

CURRICULUM AREA	SCIENCE
SUBJECT CO-ORDINATOR[S]	Jonathan Arnold

Current Picture:

Strengths:

- New Curriculum Maps designed and implemented
- Planning support documents implemented
- Profile raised through assemblies, workshops and competitions held in school (Enrichment Days/ Events)
- Developed partnership with Ogden Trust resulted in, World Space Week, Science Stories and Science Share (Y5/6).

Areas to further embed:

Enrichment Activities to ensure Science is kept high-profile throughout the school- see Wider Engagement.

Displays around the school reflect appropriate progression in knowledge and vocabulary- see Quality Learning and Teaching.

ACTION PLAN 2023-2024					
INTENT	IMPLEMENTATION			IMPACT	
TARGET	KEY PERSONNEL	TIMESCALE	HOW	SUCCESS CRITERIA	EVALUATION
Monitoring and Assessment Introduce a realistic programme of Summative Assessment: Retrieval Placement	Subject Leader Class teachers Leadership Team	Autumn 2023 (Dec)	Share Retrieval Placemat with staff. In place for end of each half-term (topic).	Utilise outcomes to inform appropriate ways to address weakness e.g. intervention, extra lessons, 'child led topics' used as opportunity to target misconceptions.	Completed and implemented. Gave insight into topics children were successful with and those found difficult. <i>*Will be changed next year as</i>

					<i>SUMMATIVE ASSESSMENTS provided with New White Rose Scheme ready to implement.</i>
<p>Quality Learning and Teaching</p> <p>Monitor the use of technical vocabulary and scientific language.</p> <p>Displays around the school reflect appropriate progression in knowledge and vocabulary.</p>	<p>Subject Leader</p> <p>Class teachers</p> <p>Leadership Team</p> <p>Governors (learning walk around school).</p>	<p>Review end of each term</p>	<p>Staff Meeting to disseminate findings.</p> <p>Time for Subject Leader to test and monitor use of technical vocabulary in KS2 children.</p>	<p>Books will show evidence of technical vocabulary.</p> <p>Improvement in children's use of Scientific vocabulary in terms of correctness and confidence.</p> <p>Evidence in Summative Assessments- retrieval question to target vocabulary.</p>	<p>Vocabulary improving as evidenced in Pupil Voice and book scrutiny. However, I would like to carry both objectives into Next Year. Timeframe will be Autumn term. Staff Meeting ready to go in Autumn term to implement.</p> <p>Vocabulary Progression Documents produced for Working Scientifically skills, vocabulary and</p>

					Subject Specific. Supplement with documents from New Scheme.
Resources Ensure that the Science curriculum is well-resourced to support quality learning and teaching for all abilities.	Subject Leader Class teachers Leadership Team	Autumn 2 (Dec 2023)	Present and then analyse staff audit. Request appropriate finance from Leadership team. Purchase resources.	Evidence of Science resources supporting children's understanding. Children easily able to locate the appropriate resources to support learning.	Is an ongoing process and still need to supplement certain areas of our Science curriculum with resources. Audit will be conducted.
Wider Engagement Analyse the impact on achievement, of 3 focused Enrichment Days.	Subject Leader	Ongoing throughout year	To organise the days in question. Identify Science days in academic calendar. Support staff in implementing events. Assembly and Staff Meeting time to raise profile.	Staff and child questionnaires show enjoyment, participation and learning outcomes. Retrieval Placemat will show improved achievement.	Success. Martin Mere: primarily KS1 have visited. Knowsley Safari Park into school and workshops. Science Share. Writing a Science book. Space Week. Visit from Salford University for the entire school.