# Key Priority Areas

# To further enhance the delivery and impact of Science education at Ashdon Primary School through strategic development of resources, teaching practices, and learning opportunities.

# Action Points and Success Criteria

# 1. Curriculum Enhancement

# Actions:

# Review and update Science curriculum map to ensure clear progression across year groups

# Strengthen cross-curricular links, particularly with Mathematics and Computing

# Develop bank of enrichment activities aligned with Hamilton Trust schemes Timeline: Spring and Summer terms 2025 Success Criteria:

# Clear progression documents in place

# Cross-curricular opportunities identified and documented

# Enrichment activities planned for each unit Lead: Science Subject Leader Resources Required: Planning time, Hamilton Trust resources

# 2. Professional Development

# Actions:

# Conduct staff skills audit

# Arrange subject-specific training sessions

# Establish Science teaching peer observation programme Timeline: Starting Spring 2025 Success Criteria:

# All staff confident in teaching practical Science

# Increased staff subject knowledge

# Regular peer observations taking place Lead: Science Subject Leader and SLT Resources Required: Training budget, CPD time

# 3. Resources and Environment

# Actions:

# Audit current Science resources

# Create resource wish list based on curriculum needs

# Develop outdoor learning spaces for Science Timeline: Spring 2025 Success Criteria:

# Well-organised and accessible resources

# Outdoor learning areas being regularly used

# Resources match curriculum requirements Lead: Science Subject Leader Resources Required: Budget for new resources, storage solutions

# 4. Assessment and Monitoring

# Actions:

# Implement consistent assessment procedures

# Create Science floor books to show progression

# Establish regular book scrutiny schedule Timeline: Throughout 2025 Success Criteria:

# Clear assessment records

# Evidence of progression in books

# Regular monitoring taking place Lead: Science Subject Leader and SLT Resources Required: Assessment materials, monitoring time

# 5. Enrichment Opportunities

# Actions:

# Plan Science Week activities

# Establish links with local secondary schools

# Arrange visiting speakers/scientists Timeline: Summer 2025 Success Criteria:

# Successful Science Week delivered

# Regular collaboration with secondary schools

# At least three expert visitors per year Lead: Science Subject Leader Resources Required: Budget for events and visitors

# 6. Parental Engagement

# Actions:

# Create Science newsletter

# Organise parent Science workshops

# Develop Science homework activities Timeline: From Spring 2025 Success Criteria:

# Regular Science communications to parents

# Positive parent feedback

# Increased engagement with Science homework Lead: Science Subject Leader Resources Required: Communication platforms, workshop materials

# Monitoring and Evaluation

# Half-termly:

# Book scrutiny

# Planning reviews

# Pupil voice activities

# Termly:

# Data analysis

# Progress reviews

# Action plan updates

# Annually:

# Full review of action plan

# Setting new targets

# Budget review

# Success Measures

# Improved pupil outcomes in Science

# Increased confidence in teaching staff

# Greater engagement in Science activities

# Positive feedback from stakeholders

# Enhanced cross-curricular learning

# Well-resourced Science provision

# Review Dates

# Progress Review: April 2025 Mid-Year Review: July 2025 Final Review: December 2025

# This action plan will be regularly reviewed and updated by the Science Subject Leader in consultation with SLT to ensure continuous improvement in Science teaching and learning at Ashdon Primary School.