



Science Action Plan 2020-2021

May 20 - full audit of the Science curriculum was undertaken by the Science coordinator (J.Oversby). This audit focused on the three 'I's - Intent, Implementation and Impact using questions based on OFSTED research. This year's action plan will focus on the findings and any action required.

Task	Success criteria	Lead person	Dates	Cost and source	Monitoring	Evaluation June 2021
To develop a new curriculum for science across school.	All teaching staff to plan curriculum, including cohort skills, knowledge and topics. Each topic to have lead question and ideas for teaching. Keystage 2 mixed age classes to develop 2 year cycle to ensure full coverage of curriculum. Science policy reviewed to be in line with new curriculum.	Science Lead and Head to monitor.	New curriculum to be in place Sept 20.		Science Lead and Head to monitor.	
Science teaching and learning displayed in each classroom.	Each classroom to have informative and interactive science classroom display. To include key questions, topic vocab, maths links	All teachers	Sept 20 onwards		Sharing of good practice in staff meetings. Work	

					scrutiny and drop-ins	
Opportunities for children to experiment through planned investigative work.	Opportunities for the application of science skills clearly identified in planning. Differentiated investigative work so accessible to all children at their appropriate level.	Science lead, Headteacher	Sept 20 onwards		Sharing of good practice in staff meetings. Work scrutiny and drop-ins	
Opportunities for a cross-curricular science programme of work.	Opportunities for the cross-curricular work in science clearly identified in planning. Links to literacy and maths identified. Age appropriate science books to develop reading skills. Evidence of age appropriate writing skills being used in science work. Evidence of age appropriate maths skills being used in science work.	Science lead, Headteacher	Sept 20 onwards	Money available from budget to purchase new science books.	Sharing of good practice in staff meetings. Work scrutiny and drop-ins	

Develop science assessment for new curriculum.	Existing assessment scheme to be reviewed. Alternative assessment schemes to be scrutinised. Discussions at inset day.	Science lead, Headteacher Science advisor	Ongoing from September 20.	Inset day for all staff. Oct 20	Sharing of good practice in staff meetings.	
Develop science resources throughout school.	Review existing science resources. List resources needed for teaching and learning in new science curriculum. Purchase resources and organise in topic boxes.	Class teachers to list resources needed. Science lead to order resources.	Ongoing from September 20.	Money available in budget for new resources.	All teachers to develop topic boxes of resources.	
To raise children's attainment in science.	All children making at least good progress (1 point per term). Clear evidence in planning of differentiated work - support for WT and challenge for GD. STEM activities for GD pupils (inset day) Exemplars of end of year work collected for each cohort.	Science lead, Headteacher	Ongoing from September 20.	Inset day for all staff. Oct 20	Sharing of good practice in staff meetings. Drop-ins and work scrutinies.	