National Agenda 2021 – Action Plan
Science

Area of Focus	Modification	Strategies	When/ Where
Working Scientifically Application across all Year Groups in Primary	Revisiting Investigation Seasons	Inclusion of Venn diagram Use of Vocabulary Multiple choice questions to be included in the review	In lesson During unit review
	Revisiting Investigation Building steps of Investigation Light and shadow investigation	Add investigation in the home learning to be performed at home. Research opportunities during the investigation to enable students give scientific reasons for their Aim and prediction.	Home learning In lesson
	Revisiting Investigation Consolidating steps of Investigation Tooth decay investigation	Exposure to different types of graphs that could be included in the assessment. Investigation to enable students give scientific reasons for their prediction and detailed conclusion.	During Investigation In lessons
	Revisiting Investigation Melting Evaporation	Investigation to enable students give precise scientific reasons for their prediction and detailed conclusion. Investigation check list for self and peer evaluation to enable students to up level their work. Conclusion and evaluation writing helping sheet.	In lessons During Investigation
	Revisiting Investigation Insulation Muffling of Sound	Research opportunities during the investigation to enable students give scientific reasons for their precise prediction and detailed conclusion, evaluation. Investigation check list for self and peer evaluation to enable students to up level their work. Conclusion and evaluation writing helping sheet. Independent planning and execution of investigations by students.	In lessons During Investigation

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Area of Focus	Modification	Strategies	When/ Where
Year 7: • **Analytical, Interpreting and Evaluating skills** • Using **scientific language** to arrange their thoughts I logical order through **Reading**	- Provision in SOW and Lesson plans to provide opportunities to use graphs and tables for extracting key information and to present findings. This will support students' skills in drawing conclusions from data.	- Creating opportunities in lessons to develop focused skills	- Starter activities - Plenaries - Home learning
Year 8: • Working scientifically • K & U for concepts • Application • Covering topics as per PTS gaps • **Analytical, Interpreting and Evaluating skills** • Using **scientific lannguage** to arrange their thoughts I logical order through **Reading**	- Provision Investigation on a regular basis - SOW revised with: • Force • States of matter • Introduction to reproductive system • Provision in SOW and Lesson plans to provide opportunities to use graphs and tables for extracting key information and also to present findings. This will support students' skills in drawing conclusions from data.	- **Addressing knowledge in gaps** by : Topics will be taught in the classroom - Creating opportunities in lessons to develop focused skills - Investigations on regular basis.	- Starter activities - Plenaries - Home learning
Year 9: - Working scientifically - Covering gaps in knowledge - **Analytical, Interpreting and Evaluating skills** - Using **scientific lannguage** to arrange their thoughts I logical order through **Reading**	- Provision Investigation on a regular basis - SOW revised with: • Mantle earth • Resistors • Photosynthesis • Reactivity series • Heating & Cooling curve • Energy conversions	- **Addressing knowledge in gaps** - Creating opportunities in lessons to develop focused skills - Investigations on regular basis.	- Starter activities - Plenaries - Home learning