Y7DC1 milestones and corresponding evidence

Milestones	Evidence
Secure understanding and recall of the critical knowledge and skills from the following units; Cells, Reproduction, Interdependence, Particles, Atoms, Mixtures, Forces, Space and Energy transfers.	End of topic assessments
Use scientific vocabulary accurately and apply knowledge to explain scientific ideas and solve routine problems in the following topics; Cells, Reproduction, Interdependence, Particles, Atoms, Mixtures, Forces, Space and Energy transfers	End of topic assessments In lesson literacy tasks and live marking
Develop key practical and enquiry skills by carrying out investigations, recording observations, and drawing evidence-based conclusions.	End of topic assessments Assessment through practical activities in lessons

Y7DC2 milestones and corresponding evidence

Milestones	Evidence
Demonstrate secure understanding and recall of the core scientific knowledge taught across these units; Cells, Reproduction, Interdependence, Particles, Atoms, Mixtures, Forces, Space and Energy transfers	DART 2
Apply scientific knowledge and vocabulary to explain why this happen, interpret information and solve scientific problems across these untis; Cells, Reproduction, Interdependence, Particles, Atoms, Mixtures, Forces, Space and Energy transfers	DART 2
Work scientifically by planning and carrying out investigations, analysing data, evaluating evidence and drawing valid conclusions	DART 2 In class assessment of practical skills

Y8DC1 milestones and corresponding evidence

Milestones	Evidence
Demonstrate secure understanding and recall of the critical knowledge and skills in these units; Interdependence, Respiration and Photosynthesis, Life diversity, Particles, Atoms, Changing substances, Space, Electric circuits and Magnetism.	End of topic assessments
Apply scientific knowledge and vocabulary to explain scientific concepts and make links between ideas in these units; ; Interdependence, Respiration and Photosynthesis, Life diversity, Particles, Atoms, Changing substances, Space, Electric circuits and Magnetism	End of topic assessments In lesson literacy tasks and live marking
Use practical and enquiry skills to plan investigations, analyse results and draw evidence-based conclusions	End of topic assessments Assessment through practical activities in lessons

Y8DC2 milestones and corresponding evidence

Milestones	Evidence
Demonstrate secure understanding and recall of the critical knowledge and skills in these units; Interdependence, Respiration and Photosynthesis, Life diversity, Particles, Atoms, Changing substances, Space, Electric circuits and Magnetism.	DART 2
Apply scientific knowledge and vocabulary to explain scientific concepts and make links between ideas in these units; ; Interdependence, Respiration and Photosynthesis, Life diversity, Particles, Atoms, Changing substances, Space, Electric circuits and Magnetism	DART 2
Independently apply working scientifically skills by planning investigations, analysing and evaluating data, and drawing justified conclusions based on evidence	DART 2 In class assessment of practical skills