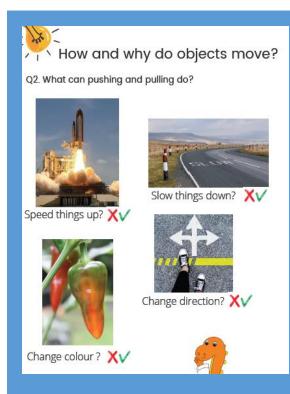
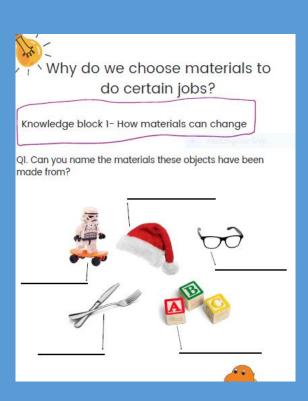
Assessing substantive knowledge in KS1





At the end of a learning journey, the children complete a booklet to match the learning they have covered during the topic.

This enables the teacher to assess and identify gaps in learning as well as addressing any misconceptions that have arisen; which can be added to subsequent planning during the retrieval sessions at the beginning of a lesson.

Tracking of disciplinary knowledge in KS1

Working Scientifically	Disciplinary Knowledge		Explicit instruction and practice of this piece of disciplinary knowledge										
Statement		1	2	3	4	5	6	7	8	9	10		
Asking simple questions and recognising that they can be answered in different ways	What a scientific question is												
	How scientific question can be answered												
	Using simple secondary sources												
	Variables in practical work (change & measure)												
Observing closely, using simple equipment	Use of simple equipment												
	Observe changes over time												
Performing simple tests	Measuring												
	Recording of data												
Identifying and classifying	Identifying objects												
	Sorting objects												

Tracking of disciplinary knowledge in KS1

Working Scientifically	Disciplinary Knowledge	Explicit instruction and practice of this piece of disciplinary knowledge										
Statement		1	2	3	4	5	6	7	8	9	10	
Identifying and classifying cont.	Comparing objects											
	Identify patterns and relationships											
Using their observations and ideas to suggest answers to questions	What scientific evidence is											
	What scientific evidence is not											
	What conclusions are used for											
	What a scientific conclusion should include											
Gathering and recording data to help in answering questions.	What data is											
	What a table is											
	How to place data into a table											
	That data in a table can be clearer when displayed as a											
	graph											

Learning in science is built on progression from the previous year group based on the same KS1 learning journey. Assessment is based on the tracking of disciplinary knowledge (working scientifically).