



AOLE	Subject	Year	Assessment
Science and Technology	Product Design	8	Life cycle of plastic

Progression Table		
Progression Indicator	Knowledge	Skills
Excelling	The pupil has fully described the life cycle of plastic explaining the different stages in a chronological order with justification. The pupil has debated a variety of environmental factors to support their reasoning. The pupil has compared both positive and negative effects that plastic can have on the environment while stating their own personal opinions. The pupil can justify how the 6Rs (evaluating three of the 6Rs) can be beneficial to the environment when discussing plastic.	<ul style="list-style-type: none"> I can fully justify a concept. I can fully research into a context. I can write with fluency using full sentences and paragraphs that are in a chronological order. I can compare and contrast. I can use connectives to explain my opinion and develop my reasoning. I can incorporate subject specific vocabulary to support my writing. I can write about my thoughts, feelings and opinions, using a range of techniques.
Advancing	The pupil has described the different stages of the life cycle of plastic in a chronological order. The pupil has debated environmental factors to support their reasoning. The pupil has interpreted how the life cycle of plastic has a positive impact on the environment. The pupil has described the 6Rs (evaluating two of the 6Rs) in their reasoning.	<ul style="list-style-type: none"> I can write in detail about a concept. I can research into a context. I can write with fluency using full sentences and paragraphs that are in a chronological order. I can use connectives to explain my opinion I can incorporate subject specific vocabulary in my writing.
Securing	The pupil has stated the different stages of the life cycle of plastic with limited reasoning. The pupil has begun to explore how the life cycle of plastic can have a positive impact on the environment. The pupil has described one of the 6Rs in their reasoning.	<ul style="list-style-type: none"> I can write about a concept. I can partially research into a context. I can write using fully formed sentences. I can begin to use connectives in my writing. I can begin to incorporate some subject specific vocabulary in my writing.
Beginning	The pupil has given a simple description of the life cycle of plastic. The pupil has stated that the life cycle of plastics has a positive impact on the environment. The pupil has begun to discuss recycling in the reasoning.	<ul style="list-style-type: none"> I can write about a concept. I can write using sentences with some form of logical structure. I can use basic subject specific vocabulary in my writing.

