



AOLE	Subject	Year	Assessment
Science and Technology	Product Design	8	Baseline test

Progression Table		
Progression Indicator	Knowledge	Skills
Excelling	<ul style="list-style-type: none"> I know the names and colours of the health and safety signs in the workshop and can give a detailed explanation of all 4 signs. I know the names of different plastics and can select appropriate materials to manufacture products. I know how to measure electricity. I know the different electrical symbols and can state the function of the component. I know how different materials can have a positive and negative effect on the environment and how we reduce our carbon footprint. I know what ACCESS FM stands for and can implement it effectively to complete a detailed product evaluation. 	<ul style="list-style-type: none"> I can apply prior knowledge of manufacturing to show how to work safely in the workshop. I can describe products in detail using ACCESS FM and interpret what the letters stand for. I can write with fluency in full sentences giving justification for my answers. 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	<ul style="list-style-type: none"> I know the names and colours of the health and safety signs in the workshop and can give a detailed explanation of all at least 2 signs. I know the names of different plastics and can select suitable materials to manufacture products. I know the different electrical symbols and can state the function of the component. I know how different materials can affect the environment and how we reduce our carbon footprint. I know what ACCESS FM stands for and can implement it effectively to complete a basic product evaluation. 	<ul style="list-style-type: none"> I can apply prior knowledge of manufacturing to show how to work safely in the workshop. I can describe products using ACCESS FM and state what the letters stand for. I can write with fluency in full sentences giving justification for my answers. I can incorporate subject specific vocabulary to support my writing. I can write about my thoughts, feelings and opinions, using a range of techniques.
Securing	<ul style="list-style-type: none"> I know the names and colours of the health and safety signs in the workshop. I know the names of some plastics. I know some electrical symbols. I know that different materials can affect the environment. I know what ACCESS FM stands for. 	<ul style="list-style-type: none"> I can apply prior knowledge from manufacturing. I can state what ACCESS FM stands for. I can write in full sentences. I can use some subject specific vocabulary in my writing.



Beginning

- I know the colours of some workshop signs.
- I know the name of one plastic.
- I know that different materials can affect the environment.

- I can apply prior knowledge from manufacturing.
- I can state most of what ACCESS FM stands for.
- I can begin to write in full sentences.