



## Year 9: ASK Yourself!

**Subject: Design and Technology - Materials Technology**  
**Unit: Brilliant Bird Feeder – Sheet metal manufacturing project**

	Launching 1-2	Developing 3-4	Progressing 5-6	Mastering 7-9
 <b>S</b> skills				
<b>To learn to draw a template using a paralline drawing system</b>	I found it hard to draw my net following the teacher step by step demonstration.	I needed some help and support to draw an accurate net.	Almost all of my net was neatly drawn using the technical instruments.	I used the equipment to correctly and accurately draw my template.
<b>To learn how to use the correct tools &amp; processes to mark out a bird feeder net onto aluminium</b>	My teacher had to help me to mark out my net onto my aluminium.	I remarked some parts of my net following advice from my teacher.	My net was marked out properly and allowed me to proceed.	I drew an accurate net as directed by my teacher.
<b>To learn &amp; use the correct tools to cut out my net shape from sheet aluminium</b>	I needed to recut my aluminium because of a significant error.	I made some small errors when cutting out my aluminium parts.	My aluminium parts were cut out correctly for use.	I accurately & with precision cut out my aluminium net using the processes taught.
<b>To learn to use the correct tools and processes to fold aluminium sheet</b>	I found it difficult to fold my aluminium with accuracy.	My aluminium sheet was mostly accurately folded with help.	My bird feeder parts were accurately folded with only minimal help from my teacher.	My bird feeder parts were folded neatly and with precision without help.
<b>To learn to use the correct tools and processes to join sheet aluminium parts together</b>	My joints needed to be re done.	My joints were mostly accurate.	I needed minimum guidance to accurately join my parts.	I correctly pop riveted my bird feeder parts together with accuracy.



knowledge



<b>To learn to follow safe processes when manufacturing with sheet metal</b>	My teacher had to guide me to ensure that I worked safely at all times.	My teacher had to provide occasional safety guidance.	I worked safely with very limited guidance and support.	I followed safe working practice to make my product.
<b>To learn the names of the tools used for working, joining and forming sheet metal</b>	I find it hard to remember the names of the tools I have been taught to use.	I know some of the names of the tools I have been taught to use in this project.	I remember most of the tools names and how they are applied when working sheet metal.	I know and can ask for the correct tools for manufacturing with sheet metal materials.
<b>To present my evidence relating to the 12 focus evidence areas and a power point presentation</b>	I was not able to submit my evidence for assessment and needed my teacher to chase me.	I submitted a power point presentation but did not fully complete it.	My power point was professionally presented. I have kept my evidence photos.	I submitted a complete and effective and professional power point. I have saved all evidence for the future.