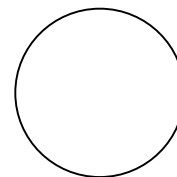


Gympie State High School Industrial Technology and Design

PROJECT RECORD

Name:	Class:				
Summary of Project Brief	Project Title				
The outcome for this activity is to make a biscuit cutter out of sheet metal.	BISCUIT CUTTER				
Procedure					
<ol style="list-style-type: none"> 1. Consider the purpose of a biscuit. 2. Consider the possible shapes of a cutter. 3. Decide on a shape and calculate the amount of material required. 4. Put your name on your material. 5. Complete the marking out on the material as per the WORKSHOP DRAWING. 6. Cut out the waste pieces. 7. Fold the top edge to make it safe. 8. Fold into desired shape. 9. Spot weld the join. 					
What is the name of the material have you used in this activity?					
What new equipment have you used?					
What new skills have you learnt					
What other skills have you used?					
Evaluate your project using the following criteria.					
Criteria	Standard 5	Standard 4	Standard 3	Standard 2	Standard 1
Accurate marking out					
Working the material (folded edge)					
Accurate shaping					

Circle diameter 50mm.
 Formula to find length required (Circumference = 2δR)
 Circumference 2*δ*25
 Circumference =156mm
Total length required 156mm + 15mm = 166mm
 (The 15mm is for the joining seam.)



Pentagon side 50mm
 To find the length required (sum of all the sides)
 Perimeter 50mm +50mm +50mm +50mm +50mm = 250mm
Total length required 250mm + 15mm = 265mm
 (The 15mm is for the joining seam.)

