



COMMON ASSESSMENT TASK INSTRUCTIONAL RUBRIC

YEAR LEVEL: 8

SUBJECT: TECHNOLOGY

CAT TITLE: LED Picture Frame

	EMERGING SKILLS	APPROACHING THE STANDARD	AT THE STANDARD	ABOVE THE STANDARD	WELL ABOVE THE STANDARD
Drawing Produce a technical drawing of the top, bottom and sides of the LED frame (max size A4). An A4 picture will also have to be printed for the front image of the frame	With significant support, you have attempted to produce a drawing with minimal measurements and joining instructions. The drawing was not to scale. Your image was not printed correctly, and it is pixilated.	With some support you have produced a technical drawing of the LED frame. Some measurements were not complete with minimal joining and cut information. The drawing was not to scale. You have not centred and resized you image to A4.	With minimal support you have produced an acceptable technical flat pattern drawing of the LED Frame including most measurements, joins and cut instructions. Your A4 picture was printed on time and correctly centred	With minimal support you have produced an acceptable technical flat pattern drawing of the LED Frame including measurements, join lines, direction, and cut instructions You have added additional notation about material and construction options. Your Printout was centred and had no pixilation.	
Preparatory work Materials checklist, Measurements and Marking Out.	With significant support, you have used equipment to measure and mark out your project.	With some support, you have used equipment to measure and mark out your project. The Radiata Pine was marked out with some accuracy and within a 5mm tolerance. Correct material used.	With minimal support, you have used equipment to measure and mark out your project. The radiate pine was marked out with some accuracy and within a 2mm tolerance. Correct material used.	Your measurements were accurate with no tolerance for error. Good use of marking out equipment. Correct material used.	
Cutting of material Correct tools are selected and used safely. Correctly print cut out the LED Frame.	With significant support and questioning you have selected and used the correct tools to cut your timber with a minimal level of accuracy.	With some support, you have selected and used the correct tools to cut your timber with a low level of accuracy.	With minimal support, you have selected and used the correct tools to cut your timber with a standard level of accuracy.	With no support needed, you have selected and used the correct tools to cut your project with a high level of accuracy.	
Assembly of LED Picture Frame Folds are correctly located and sharp, correct tools and processes have been used to assemble project.	With significant support, you have selected and used the correct tools to nail and glue all the components. Minimal accuracy has been achieved, with no 90 degree corners. The cardboard backing and picture do not fit.	With some support, you have selected and used the correct tools to nail and glue all the components. Minimal accuracy has been achieved. Corners are not at 90 degrees. The cardboard backing and picture are not straight.	With some support, you have selected and used the correct tools to assemble all the components. A standardised level of accuracy has been achieved in the assembly of all the components into the finished product. 90 degree corners are all achieved. The cardboard backing and picture are well aligned.	You have created a perpendicular frame with no overhang. Correct tools and processes have been used to assemble the finished product. The cardboard cannot be seen and the picture is positioned straight.	You have created a perfectly perpendicular project of near showroom quality, with straight bends and accurately proportioned dimensions. A range of techniques were explored and assistance was given to others in aspects of manipulating the materials and equipment. Correct tools and processes have been used to assemble the finished product.
Safety All work has been carried out observing safe work practices.	Constant reminders of safe work practices were required throughout project.	Some reminders of safe work practices were required throughout the project.	All work was carried out to an acceptable safe standard. All tools were used correctly and safely.	All work was carried out to an acceptable safe standard. All tools were used correctly and safely. While working on the project you managed some of the area around you safely including to some degree the other students and their work practices.	All work was carried out to a highly safe standard. All tools were used correctly and safely. While working on the project you managed the area around you safely including other students and their work practices.
Materials Analysis. You have been able to describe differences between different materials		You have attempted an analysis of the different materials used in the project.	You have completed an acceptable analysis of the materials used in the project.	You have completed an acceptable analysis of the materials used in the project, including the alternative options that may be used.	You have completed an acceptable analysis of the materials used in the project, including the alternative options that may be used. The issue of sustainability has been discussed and analysed.
Portfolio Evaluation and Vocabulary list Evaluation has answered all questions covering tools, materials and processes. Your Vocabulary list contains all the processes and tools you used.		A limited evaluation of the completed product has been made using the established criteria. A limited discussion has taken place on the effectiveness of your planning. No Vocabulary list	An evaluation of the completed product has been made using the established criteria. You have been able to evaluate the effectiveness of planning and provide reasons for modifications. You have been able to reflect on your learning and make some recommendations for future productions. Acceptable vocabulary list	A detailed vocabulary list and evaluation of the completed product has been made using the established criteria. You have been able to evaluate the effectiveness of planning and provide detailed reasons for modifications. You have been able to reflect on your learning and make detailed recommendations for future productions.	A comprehensive vocabulary list and evaluation of the completed product has been made using the established criteria. You have been able to evaluate the effectiveness of planning and provide highly detailed reasons for modifications. You have been able to reflect on your learning and make highly detailed recommendations for future productions.