Ukulele Design Brief

Design and Technologies

## Investigation

* Decide who the Ukulele is going to be made for. What style do they like, timbers, shapes etc.
* Research Tonal Timbers (see assignment sheet).
* Create a set of evaluation criteria for your finished Ukulele based upon the list shown in class.
* Research how the specific timber is grown and harvested. Give its country of origin, harvesting techniques, shipping and sales processes. Comment the sustainability of the processes.
* Explain the difference between design and chance.

## Design

* Sketch the Ukulele on an A3 sheet of paper and use colour and annotation to show which timbers you will use based upon your research.
* Hand sketch a unique brand logo for the inside of the Ukulele that will reflect your personal style. Create a mood board to show where your inspiration comes from.
* Design the shape for the headstock in Autodesk Fusion 360.

## Produce

* Keep a production diary and include pictures of your progress class by class.
* Complete the Onguard training and include a printed certificate of competence for each tool used.
* Complete the Ukulele. Product will be assessed for accuracy, quality of finish, and unique design.
* Create a “Swing Tag” for the Ukulele detailing its correct use and care.

## Evaluation

* Measure your finished product against the evaluation criteria already set. Be critical.
* What would you improve if you made the Ukulele again
* Write a paragraph describing how you feel about your completed Ukulele. Comment on things like; how you used your time; is the finished result what you imagined. Explain why or why not.
* **All work must be completed and presented in a folio in the order shown.**