

Year 9 Technology Assessment 2 - Modeling

You have been working through your Technological Practice Journal for your **Phone Holder**. **Your Assessment 2 is Task 9 in your Journal.**

You are required to create a functional model (Prototype) of your product.

You are to construct this using paper and cardboard as a model/mock-up of your final design.

Your functional model should include: the ability to hold the phone vertically and horizontally. Must be made from Acrylic. Must be able to charge the phone whilst in a situation.

TWO other attributes that personalize the outcome (phone holder)

Tasks:

1. Draw up what your phone holder will look like - including measurements and note any specifics of the design
2. Provide photos of your drawing/plan top (Birds eye), end and side view of the phone holder
3. Create a cardboard model of your Phone holder focusing on creating a unique design. Model must show unique design features. (If you have made modifications/changes to your design after modeling ensure that you discuss this in section 5).
4. Write up a detailed descriptive Commentary/Notes/Report about your Phone holder Design and explain why it is unique.
 - Refer to your initial phone holder drawing in no 1 and your model in no 2 in your comments
 - Include in your report reference to any changes, alterations or modifications you will make to the prototype resulting from the opportunity of the model / mock up

Criteria	WT	AT	Above	Beyond
Functioning model	You have yet to produce some design ideas for your potential outcome with some form of description	<p>You have produced basic design ideas for your potential outcome (either through drawings, models and/or verbally)</p> <p>You have provided descriptive notes or commentary</p>	<p>You have produced design ideas for your potential outcome (either through drawings, models and/or verbally)</p> <p>You have provided descriptive notes or commentary</p> <p>You have described how you have used functional modeling to develop your design further that addresses the key attributes</p>	<p>You have produced design ideas for your potential outcome (either through drawings, models and/or verbally)</p> <p>You have provided detailed descriptive notes or commentary</p> <p>You have described and justified how you have used functional modeling to develop your design ideas further that addresses the key attributes</p>
Accuracy in writing	You have made errors in grammar, spelling and/or punctuation. These are intrusive and affect meaning	You have made errors in grammar, spelling and/or punctuation. These are intrusive at times, but reader can infer meaning	You have made some errors, but minimal reader inference is needed. Meaning is consistently clear	You have carefully edited your writing to ensure you have few (or no) intrusive errors. Meaning is consistently clear.
Time management	You have not submitted your work by the due date	You have submitted your work by the due date	You have submitted your work by the due date	You have submitted your work by the due date

Overall grade	Working TOWARDS Curriculum Expectation	Working AT Curriculum Expectation	Working ABOVE Curriculum Expectation	Working BEYOND Curriculum Expectation
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