

THE TENZ 2020 TECHNO CHALLENGE



Writing Attributes for a brief

Using the **research you have collected** from your stakeholder and environment, write attributes for your chosen brief/need. They can be **needs** (MUST have) or **wants** (COULD have).

Types of attributes:

- **Physical** - things that affect the look of an outcome e.g. size, shape, colour, texture, material, etc
- **Functional** - what it must do, either the parts or as a whole.
- **Constraints** - things that may restrict you in your project e.g. time, skills, materials.

Example of attributes for the cat bowl feeder outcome:

Physical Attributes	Functional Attributes
It must be made from materials available at home, e.g. cardboard, plastic bottles & packaging, etc	It must be easy to wash and clean, to stay hygienic.
It must contain one scoop of cat biscuits in the bowl/feeder.	It must be strong , to withstand use by young cats with sharp claws.
It could fit in with the colour scheme of the room - brown, beige, charcoal, grey.	It must be durable , to last a longer time.
It must fit a cat paw in it (bigger than 45mm x 30mm)	It could help to exercise the cat at the same time or provide entertainment - like a toy.
It needs to fit onto the cat feeding mat (50mm x 30 mm)	

Remember to give reasons for your attributes - why are they important? Where did they come from?