

Characteristics of a Designer

The ability to apply mathematical knowledge.

Significant levels of originality and the willingness to take creative risks to produce innovative ideas and prototypes.

The ability to manage risks exceptionally well to manufacture products safely and hygienically.



A thorough knowledge of which tools, equipment and materials to use to make their products.

The ability to act as responsible designers and makers, working ethically, using finite materials carefully and working safely.

The ability to carry out thorough research, show initiative and ask questions to develop an exceptionally detailed knowledge of users' needs.