Advanced Specification

Function:	What job(s) does the product have to do in order to be successful? The product may have more than 1 function.
Appearance:	What should the design look like? Try to explain the way the design should appear. This can involve the shape, proportions as well as colours used and the texture.
Quality:	How do you intend to get a well made product? Are you going to listen to instructions, consider other peoples' opinion and work safely? What methods will you use to try and get a quality result? Will you model first, measure, test print/ plot or use a jig?
Deadline:	How long you do you have to do the set work? Consider here how long you have to do the whole project including folder work or just the making. This could be explained in the number of weeks available or the number of lessons
Materials:	What do you intend to use in making the consider woods, metals, plastics, paper, card, fabric, raw ingredients? Also here you could clarify if they need to be sheet materials, rod, tube, board etc.
Target user:	Who is the intended user of the particular product? For a designer the user could be specific person or group so the design is developed to suit his/her, their needs
Cost	How much would you expect to pay for the finished product?What price limit would you set to buy the materials for you to make it?
Size	In simple terms, how big the design could be. What maximum and minimum limits can you work to? Think of this in Length, Width and Depth restrictions.
Safety	What factors will you consider to make sure the product is not dangerous to use? Are there any health and safety guidance to follow when designing?
Maintenance	How do you intend to look after the product? This could involve cleaning, charging up, changing the battery. Consider the Life-span of the product.
Lifespan	How long do you intend for the product to be used for? This can be the product shelf life. Try to explain it in a time-frame e.g. a month, a season, a year or longer term.
Weight	How heavy is the product likely to be? How many people will it take to carry it? Will it be one or two people, will it be a child or an adult as different restrictions can be applied.
Anthropometrics	Human Measurements-Use these to help you design a product that will be comfortable for the Target Consumer to use? Which dimensions are important for you to use in your designing?
Environmental	What will be the impact of the product on the environment during manufacture, after use? Will the product be suitable for recycling? Are the materials/power supply sustainable?