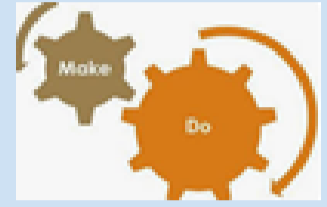


I am an Early Years Designer because...



I can draw on my own experience to help generate ideas

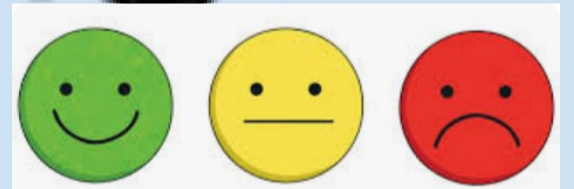


I can choose different materials for different purposes.

I know a boat floats and is waterproof.

I know different materials can be used for different purposes.

I know materials can be joined in either a permanent or temporary way.



I can evaluate different designs.



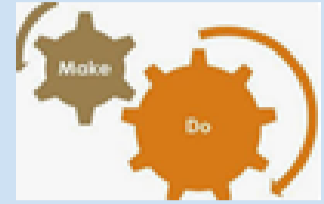
I know that in DT a plan is called a design.



I am a Year 1 Designer because...



I know it's important to have good, clear design,



I can test if a structure is strong and stable.

I know how to describe materials.

I know that materials can be joined in different ways.

I know that the shape of materials can be changed to improve stiffness and strength of a structure.

I know that a structure with sails is powered by the wind.



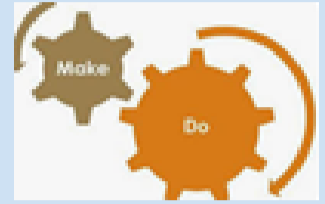
I can suggest points for improvement.



I know that a boat has different parts.



I am a Year 2 Designer because...



I know it's important to have good, clear design,

I know create joints and structures from paper/ card and tape.

I can create joints and structures from paper/ card and tape.

I know that materials can be joined in different ways.

I know that the shape of materials can be changed to improve stiffness and strength of a structure.



I know that a man-made structure is made by people.



I know that the shape of a structure affects its strength.

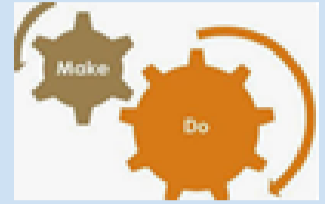
I can compare the stability of different shapes.



I am a Year 3 **Designer** because...



I know that texture, taste, smell and appearance of a dish are important.



I know that the thread needs to be secure at the beginning and the end of sewing.

I know that not all fruits and vegetables can be grown in the UK.

I know that applique is a way of mending or decorating a textile by joining smaller pieces of fabric to a larger piece.



I know that cooking instructions are called a recipe



I know that joining two edges of fabric is called a seam.

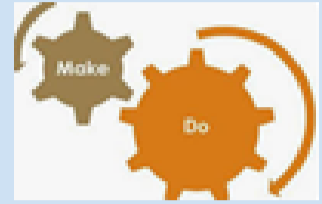
I can evaluate a produce and think of ways to create a new similar product.



I am a Year 4 **Designer** because...



I can write down and draw my ideas for my product.



I can thread my own needle and secure the thread to the fabric.

I know that different stitches are used for different purposes.

I know that the amount of an ingredient in a recipe is known as the quantity.

I know that budgeting is important when planning.

I can make improvements by adapting my original design.



I know that it is important to create a mock-up (prototype) to check ideas and proportions.



I can test and evaluate a product against the original design criteria.

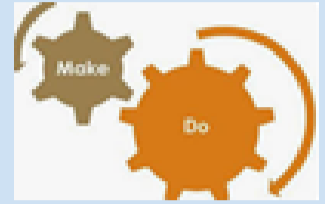


I am a Year 5 **Designer** because...



I can design a pop-up book which uses a mixture of structures and mechanisms.

I know that mechanisms control movement.



I can make a wooden structure with a support. I can select appropriate tools and equipment for particular tasks and use Equipment appropriately.

I know that a design brief is a description of what I am going to design and make.

I know that a blanket stitch is useful to reinforce the edges of a fabric material or to join two pieces of fabric

I know that small neat stitches which are pulled taut are important to ensure that the soft toy is strong and holds the stuffing.



I can try some different ways to reinforce structures and can understand how triangles can be used to support this.



I can identify points of weakness and correct accordingly. I can carry out a product analysis to look at the purpose and effectiveness of a product.

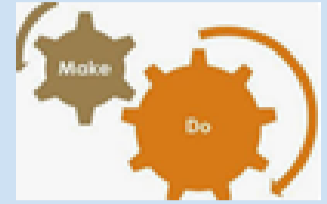


I am a Year 6 **Designer** because...



I can design a steady hand game and can draw a design from three different perspectives. I can generate ideas through sketching and discussion and model ideas through prototypes.

I can identify and name the components required for the game.



I can adapt a recipe based on research.

I can work to a given timescale. I can work safely and hygienically with independence.

I know that for a recipe to be successful, I need to follow the instructions carefully.

I can select different fabrics and fastenings for different reasons and purposes.

I know that flavour is how a food tastes.

I know that different countries have different national dishes.



I can join different fabrics with skill and accuracy.

I can use different fastenings for different purposes.

I can consider different points of improvement when looking at the work of others.

I can think about health and safety considerations when making decisions about food preparation.

